

## CD81 antigen Recombinant Protein | Cd81 recombinant protein

Recombinant Mouse CD81 antigen (Cd81), partial

CATALOG #  
**AAA113498**

HOST  
**E Coli or Yeast or Baculovirus or Mammalian Cell**

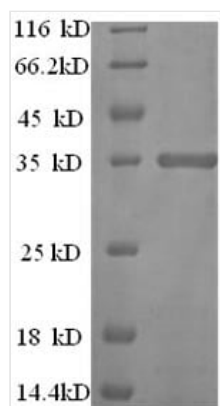
### PRODUCT SYNONYMS

CD81 antigen; Recombinant Mouse CD81 antigen (Cd81); partial; 26 kDa cell surface protein TAPA-1; Target of the antiproliferative antibody 1; CD81; Cd81 recombinant protein

### PRODUCT SPECIFICATIONS

|                         |                                                                                                   |
|-------------------------|---------------------------------------------------------------------------------------------------|
| Host                    | E Coli or Yeast or Baculovirus or Mammalian Cell                                                  |
| Purity/Purification     | Greater or equal to 85% purity as determined by SDS-PAGE.                                         |
| Form/Format             | Lyophilized or liquid (Format to be determined during the manufacturing process)                  |
| Sequence Positions      | 116-201aa; partial;                                                                               |
| Sequence                | KDQIAKDVKQ FYDQALQQAV MDDDANNAKA VVKTFHETLN CCGSNALTTL TTTILRNSLC PSGGNILTPL<br>LQQDCHQKID ELFSGK |
| Preparation and Storage | Store at -20 degree C, for extended storage, conserve at -20 degree C or -80 degree C.            |

### IMAGES



SDS-PAGE

### ADDITIONAL INFORMATION

**Related Product Information for Cd81 recombinant protein**

May play an important role in the regulation of lymphoma cell growth. May be involved in the acrosome reaction.

|            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| References | <p>Genomic organization and chromosomal localization of the TAPA-1 gene.Andria M.L., Hsieh C.L., Oren R., Francke U., Levy S.J. Immunol. 147:1030-1036(1991) Sequence conservation and variability of imprinting in the Beckwith-Wiedemann syndrome gene cluster in human and mouse.Paulsen M., El-Maarri O., Engemann S., Stroedicke M., Franck O., Davies K., Reinhardt R., Reik W., Walter J.Hum. Mol. Genet. 9:1829-1841(2000) Lineage-specific biology revealed by a finished genome assembly of the mouse.Church D.M., Goodstadt L., Hillier L.W., Zody M.C., Goldstein S., She X., Bult C.J., Agarwala R., Cherry J.L., DiCuccio M., Hlavina W., Kapustin Y., Meric P., Maglott D., Birtle Z., Marques A.C., Graves T., Zhou S., Teague B., Potamouisis K., Churas C., Place M., Herschleb J., Runnheim R., Forrest D., Amos-Landgraf J., Schwartz D.C., Cheng Z., Lindblad-Toh K., Eichler E.E., Ponting C.P.PLoS Biol. 7:E1000112-E1000112(2009) Mural R.J., Adams M.D., Myers E.W., Smith H.O., Venter J.C. Duff K., Parsons J. Lubec G., Kang S.U.Submitted (APR-2007) to UniProtKB PGRL is a major CD81-associated protein on lymphocytes and distinguishes a new family of cell surface proteins.Clark K.L., Zeng Z., Langford A.L., Bowen S.M., Todd S.C.J. Immunol. 167:5115-5121(2001) Reduced fertility of female mice lacking CD81.Rubinstein E., Ziyat A., Prenant M., Wrobel E., Wolf J.-P., Levy S., Le Naour F., Boucheix C.Dev. Biol. 290:351-358(2006) Expression of the mouse fragilis gene products in immune cells and association with receptor signaling complexes.Smith R.A., Young J., Weis J.J., Weis J.H.Genes Immun. 7:113-121(2006) Possible involvement of CD81 in acrosome reaction of sperm in mice.Tanigawa M., Miyamoto K., Kobayashi S., Sato M., Akutsu H., Okabe M., Mekada E., Sakakibara K., Miyado M., Umezawa A., Miyado K.Mol. Reprod. Dev. 75:150-155(2008)</p> |
|------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

## NCBI AND UNIPROT INFORMATION

|                                  |                        |
|----------------------------------|------------------------|
| NCBI GI #                        | 19526794               |
| NCBI GeneID                      | 12520                  |
| NCBI Accession #                 | NP_598416.1            |
| NCBI GenBank Nucleotide #        | NM_133655.2            |
| UniProt Accession #              | P35762; Q91V78         |
| Molecular Weight                 | 36.4 kDa               |
| NCBI Official Full Name          | CD81 antigen           |
| NCBI Official Synonym Full Names | CD81 antigen           |
| NCBI Official Symbol             | Cd81                   |
| NCBI Official Synonym Symbols    | Tapa1; Tapa-1; Tspan28 |
| NCBI Protein Information         | CD81 antigen           |
| UniProt Protein Name             | CD81 antigen           |
| UniProt Gene Name                | <b>Cd81</b>            |
| UniProt Synonym Gene Names       | Tapa1                  |
| UniProt Entry Name               | CD81_MOUSE             |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | [contact@aaabiotech.com](mailto:contact@aaabiotech.com)  
 Online datasheet: <https://www.aaabiotech.com/cd81-recombinant-protein-e-coli/113498>