

Lymphocyte antigen 75 (Ly75) Recombinant Protein | Ly75 recombinant protein

ecombinant Mouse Lymphocyte antigen 75 (Ly75), partial

CATALOG # AAA18628	HOST E Coli or Yeast or Baculovirus or Mammalian Cell
------------------------------	---

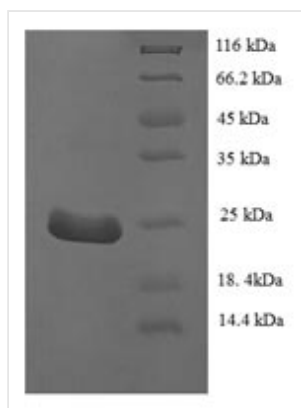
PRODUCT SYNONYMS

Lymphocyte antigen 75 (Ly75); ecombinant Mouse Lymphocyte antigen 75 (Ly75); partial; DEC-205; CD205; Ly75 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	28-211aa; Partial
Sequence	SESSGNDPFT IVHENTGKCI QPLSDWVVAQ DCSGTNNMLW KWVSQHRLFH LESQKCLGLD ITKATDNLRM FSCDSTVMLW WKCEHHSLYT AAQYRLALKD GYAVANTNTS DVWKKGGSEE NLCAQPYHEI YTRDGNSYGR PCEFPFLIGE TWYHDCIHDE DHSGPWCATT LSYEYDQKWG ICLL
Sequence Length	211
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 Ly75 recombinant protein	Acts as an endocytic receptor to direct captured antigens from the extracellular space to a specialized antigen-processing compartment. Causes reduced proliferation of B lymphocytes.
---	--

References	The receptor DEC-205 expressed by dendritic cells and thymic epithelial cells is involved in antigen processing.Jiang W., Swiggard W.J., Heufler C., Peng M., Mirza A., Steinman R.M., Nussenzweig M.C.Nature 375:151-155(1995) Park C.G., Steinman R.M. DEC-205, a 205-kDa protein abundant on mouse dendritic cells and thymic epithelium that is detected by the monoclonal antibody NLDC-145 purification, characterization, and N-terminal amino acid sequence.Swiggard W.J., Mirza A., Nussenzweig M.C., Steinman R.M.Cell. Immunol. 165:302-311(1995) The mouse C2C12 myoblast cell surface N-linked glycoproteome identification, glycosite occupancy, and membrane orientation.Gundry R.L., Raginski K., Tarasova Y., Tchernyshyov I., Bausch-Fluck D., Elliott S.T., Boheler K.R., Van Eyk J.E., Wollscheid B.Mol. Cell. Proteomics 8:2555-2569(2009) Mass-spectrometric identification and relative quantification of N-linked cell surface glycoproteins.Wollscheid B., Bausch-Fluck D., Henderson C., O'Brien R., Bibel M., Schiess R., Aebersold R., Watts J.D.Nat. Biotechnol. 27:378-386(2009)
------------	---

NCBI AND UNIPROT INFORMATION

NCBI GI #	148747179
NCBI GeneID	17076
NCBI Accession #	NP_038853.2
NCBI GenBank Nucleotide #	NM_013825.3
UniProt Accession #	Q60767; Q8C7T3; Q91XL8; Q9QUZ6; B2RWW5
Molecular Weight	25.2 kDa
NCBI Official Full Name	lymphocyte antigen 75
NCBI Official Synonym Full Names	lymphocyte antigen 75
NCBI Official Symbol	Ly75
NCBI Official Synonym Symbols	CD205; DEC205; DEC-205
NCBI Protein Information	lymphocyte antigen 75
UniProt Protein Name	Lymphocyte antigen 75
UniProt Gene Name	Ly75
UniProt Synonym Gene Names	Cd205; Ly-75
UniProt Entry Name	LY75_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.