

NKG2-C type II integral membrane Recombinant Protein | KLRC2 recombinant protein

Recombinant Human NKG2-C type II integral membrane protein

CATALOG # AAA113539	HOST E Coli or Yeast or Baculovirus or Mammalian Cell
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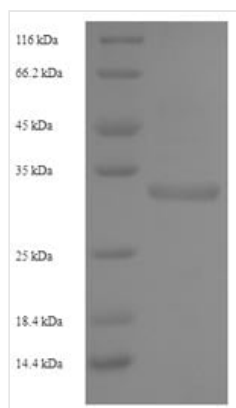
PRODUCT SYNONYMS

NKG2-C type II integral membrane; Recombinant Human NKG2-C type II integral membrane protein; CD159 antigen-like family member CNK cell receptor CNKG2-C-activating NK receptor; CD159c; KLRC2 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	94-231aa; Extracellular Domain
Sequence	IPFLEQNNSS PNTRTQKARH CGHCPEEWIT YNSCYYIGK ERRTWEESLL ACTSKNSSLL SIDNEEEMKF LASILPSSWI GVFRNSSHHP WVTINGLAFK HKIKDSDNAE LNCAVLQVNR LKSAQCGSSM IYHCKHKL
Sequence Length	231
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 KLRC2 recombinant protein	Plays a role as a receptor for the recognition of MHC class I HLA-E molecules by NK cells and some cytotoxic T-cells.
Product Categories/Family for KLRC2 recombinant protein	Immunology

References	DNA sequence analysis of NKG2, a family of related cDNA clones encoding type II integral membrane proteins on human natural killer cells.Houchins J.P., Yabe T., McSherry C., Bach F.H.J. Exp. Med. 173:1017-1020(1991) The genomic organization of NKG2C, E, F, and D receptor genes in the human natural killer gene complex.Glienke J., Sobanov Y., Brostjan C., Steffens C., Nguyen C., Lehrach H., Hofer E., Francis F.Immunogenetics 48:163-173(1998) Conservation and variation in human and common chimpanzee CD94 and NKG2 genes.Shum B.P., Flodin L.R., Muir D.G., Rajalingam R., Khakoo S.I., Cleland S., Guethlein L.A., Uhrberg M., Parham P.J. Immunol. 168:240-252(2002) Biassoni R. The finished DNA sequence of human chromosome 12.Scherer S.E., Muzny D.M., Buhay C.J., Chen R., Cree A., Ding Y., Dugan-Rocha S., Gill R., Gunaratne P., Harris R.A., Hawes A.C., Hernandez J., Hodgson A.V., Hume J., Jackson A., Khan Z.M., Kovar-Smith C., Lewis L.R., Lozado R.J., Metzker M.L., Milosavljevic A., Miner G.R., Montgomery K.T., Morgan M.B., Nazareth L.V., Scott G., Sodergren E., Song X.-Z., Steffen D., Lovering R.C., Wheeler D.A., Worley K.C., Yuan Y., Zhang Z., Adams C.Q., Ansari-Lari M.A., Ayele M., Brown M.J., Chen G., Chen Z., Clerc-Blankenburg K.P., Davis C., Delgado O., Dinh H.H., Draper H., Gonzalez-Garay M.L., Havlak P., Jackson L.R., Jacob L.S., Kelly S.H., Li L., Li Z., Liu J., Liu W., Lu J., Maheshwari M., Nguyen B.-V., Okwuonu G.O., Pasternak S., Perez L.M., Plopper F.J.H., Santibanez J., Shen H., Tabor P.E., Verduzco D., Waldron L., Wang Q., Williams G.A., Zhang J., Zhou J., Allen C.C., Amin A.G., Anyalebechi V., Bailey M., Barbaria J.A., Bimage K.E., Bryant N.P., Burch P.E., Burkett C.E., Burrell K.L., Calderon E., Cardenas V., Carter K., Casias K., Cavazos I., Cavazos S.R., Ceasar H., Chacko J., Chan S.N., Chavez D., Christopoulos C., Chu J., Cockrell R., Cox C.D., Dang M., Dathorne S.R., David R., Davis C.M., Davy-Carroll L., Deshazo D.R., Donlin J.E., D'Souza L., Eaves K.A., Egan A., Emery-Cohen A.J., Escotto M., Flagg N., Forbes L.D., Gabisi A.M., Garza M., Hamilton C., Henderson N., Hernandez O., Hines S., Hogues M.E., Huang M., Idlebird D.G., Johnson R., Jolivet A., Jones S., Kagan R., King L.M., Leal B., Lebow H., Lee S., LeVan J.M., Lewis L.C., London P., Lorensuhewa L.M., Loulseged H., Lovett D.A., Lucier A., Lucier R.L., Ma J., Madu R.C., Mapua P., Martindale A.D., Martinez E., Massey E., Mawhiney S., Meador M.G., Mendez S., Mercado C., Mercado I.C., Merritt C.E., Miner Z.L., Minja E., Mitchell T., Mohabbat F., Mohabbat K., Montgomery B., Moore N., Morris S., Munidasa M., Ngo R.N., Nguyen N.B., Nickerson E., Nwaokemele O.O., Nwokenkwo S., Obregon M., Oguh M., Oragunye N., Oviedo R.J., Parish B.J., Parker D.N., Parrish J., Parks K.L., Paul H.A., Payton B.A., Perez A., Perrin W., Pickens A., Primus E.L., Pu L.-L., Puazo M., Quiles M.M., Quiroz J.B., Rabata D., Reeves K., Ruiz S.J., Shao H., Sisson I., Sonaike T., Sorelle R.P., Sutton A.E., Svatek A.F., Svetz L.A., Tamerisa K.S., Taylor T.R., Teague B., Thomas N., Thorn R.D., Trejos Z.Y., Trevino B.K., Ukegbu O.N., Urban J.B., Vasquez L.I., Vera V.A., Villasana D.M., Wang L., Ward-Moore S., Warren J.T., Wei X., White F., Williamson A.L., Wleczyk R., Wooden H.S., Wooden S.H., Yen J., Yoon L., Yoon V., Zorrilla S.E., Nelson D., Kucherlapati R., Weinstock G., Gibbs R.A.Nature 440:346-351(2006) The structural basis for intramembrane assembly of an activating immunoreceptor complex.Call M.E., Wucherpfennig K.W., Chou J.J.Nat. Immunol. 11:1023-1029(2010)
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NCBI AND UNIPROT INFORMATION

NCBI GI #	75709169
NCBI GeneID	3822
NCBI Accession #	NP_002251.2
NCBI GenBank Nucleotide #	NM_002260.3
UniProt Accession #	P26717; O43802; Q52M74; Q9NR42
Molecular Weight	31.8 kDa
NCBI Official Full Name	NKG2-C type II integral membrane protein
NCBI Official Synonym Full Names	killer cell lectin like receptor C2
NCBI Official Symbol	KLRC2
NCBI Official Synonym Symbols	NKG2C; CD159c; NKG2-C
NCBI Protein Information	NKG2-C type II integral membrane protein
UniProt Protein Name	NKG2-C type II integral membrane protein
UniProt Gene Name	KLRC2
UniProt Synonym Gene Names	NKG2C
UniProt Entry Name	NKG2C_HUMAN

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
Online datasheet: <https://www.aaabiotech.com/klrc2-recombinant-protein-e-coli/113539>