

Killer cell immunoglobulin-like receptor 2DS1 Recombinant Protein | KIR2DS1 recombinant protein

Recombinant Human Killer cell immunoglobulin-like receptor 2DS1

CATALOG # AAA117115	HOST E Coli or Yeast or Baculovirus or Mammalian Cell
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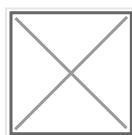
PRODUCT SYNONYMS

Killer cell immunoglobulin-like receptor 2DS1; Recombinant Human Killer cell immunoglobulin-like receptor 2DS1; CD158 antigen-like family member HMHC class I NK cell receptor Eb6 Act1; CD158h; KIR2DS1 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	22-245aa; Extracellular Domain
Sequence	HEGVHRKPSL LAHPGRLVKS EETVILQCWS DVMFEHFLH REGMFNDTLR LIGEHHDGVS KANFSISRMR QDLAGTYRCY GSVTHSPYQL SAPSDPLDIV IIGLYEKPSL SAQPGPTVLA GENVTLS CSS RSSYDMYHLS REGEAHERRL PAGTKVNGTF QANFPLGPAT HGGTYRCFGS FRDSPYEW SK SSDPLLVS VT GNPSNSWPSP TEPSSETGNP RHLH
Production Note	Special Offer: The Yeast host-expressed protein is manufactured from a stock plasmid containing the protein gene. Yeasthost-expressed protein is stocked in different unit sizes ranging from as small as 10 ug to as large as 1 mg. Bulk inventory is also available. The Yeast host-expressed protein has been ordered over and over again by researchers and has stood the test of time as both a robust protein and important target for the research community. It is part of our new program to make our most popular protein targets and corresponding hosts available in expanded unit sizes and with a quick processing time. Select Yeast host-expressed protein for the fastest delivery among all hosts. Please contact our or email to for more details.
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 KIR2DS1 recombinant protein	Receptor on natural killer (NK) cells for HLA-C alleles. Does not inhibit the activity of NK cells.
Product Categories/Family for KIR2DS1 recombinant protein	Immunology

References

The human leukocyte antigen (HLA)-C-specific 'activatory' or 'inhibitory' natural killer cell receptors display highly homologous extracellular domains but differ in their transmembrane and intracytoplasmic portions.Biassoni R., Cantoni C., Falco M., Verdiani S., Bottino C., Vitale M., Conte R., Poggi A., Moretta A., Moretta L.J. Exp. Med. 183:645-650(1996) Human diversity in killer cell inhibitory receptor genes.Uhrberg M., Valiante N.M., Shum B.P., Shilling H.G., Lienert-Weidenbach K., Corliss B., Tyan D., Lanier L.L., Parham P.Immunity 7:753-763(1997) The DNA sequence and biology of human chromosome 19.Grimwood J., Gordon L.A., Olsen A.S., Terry A., Schmutz J., Lamerdin J.E., Hellsten U., Goodstein D., Couronne O., Tran-Gyamfi M., Aerts A., Altherr M., Ashworth L., Bajorek E., Black S., Branscomb E., Caenepeel S., Carrano A.V., Caoile C., Chan Y.M., Christensen M., Cleland C.A., Copeland A., Dalin E., Dehal P., Denys M., Detter J.C., Escobar J., Flowers D., Fotopulos D., Garcia C., Georgescu A.M., Glavina T., Gomez M., Gonzales E., Groza M., Hammon N., Hawkins T., Haydu L., Ho I., Huang W., Israni S., Jett J., Kadner K., Kimball H., Kobayashi A., Larionov V., Leem S.-H., Lopez F., Lou Y., Lowry S., Malfatti S., Martinez D., McCready P.M., Medina C., Morgan J., Nelson K., Nolan M., Ovcharenko I., Pitluck S., Pollard M., Popkie A.P., Predki P., Quan G., Ramirez L., Rash S., Retterer J., Rodriguez A., Rogers S., Salamov A., Salazar A., She X., Smith D., Slezak T., Solovyev V., Thayer N., Tice H., Tsai M., Ustaszewska A., Vo N., Wagner M., Wheeler J., Wu K., Xie G., Yang J., Dubchak I., Furey T.S., DeJong P., Dickson M., Gordon D., Eichler E.E., Pennacchio L.A., Richardson P., Stubbs L., Rokhsar D.S., Myers R.M., Rubin E.M., Lucas S.M.Nature 428:529-535(2004)

NCBI AND UNIPROT INFORMATION

NCBI GI #	7657277
NCBI GeneID	3806
NCBI Accession #	NP_055327.1
NCBI GenBank Nucleotide #	NM_014512.1
UniProt Accession #	Q14954; O43471
Molecular Weight	26.8 kDa
NCBI Official Full Name	killer cell immunoglobulin-like receptor 2DS1
NCBI Official Synonym Full Names	killer cell immunoglobulin like receptor, two Ig domains and short cytoplasmic tail 1
NCBI Official Symbol	KIR2DS1
NCBI Official Synonym Symbols	p50.1; CD158H; CD158a; KIR2DS4; KIR2DP1DL1
NCBI Protein Information	killer cell immunoglobulin-like receptor 2DS1
UniProt Protein Name	Killer cell immunoglobulin-like receptor 2DS1
UniProt Gene Name	KIR2DS1
UniProt Synonym Gene Names	CD158H
UniProt Entry Name	KI2S1_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.