

Killer Cell Immunoglobulin Like Receptor 2DS2 (KIR2DS2) Recombinant Protein | KIR2DS2 recombinant protein

Recombinant Killer Cell Immunoglobulin Like Receptor 2DS2 (KIR2DS2)

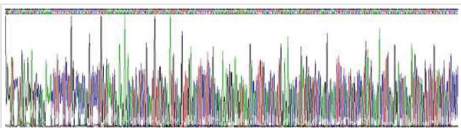
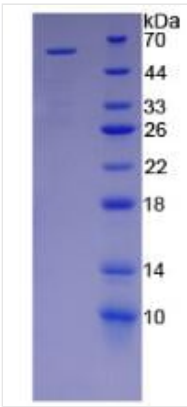
CATALOG # AAA134744	HOST E.coli	REACTIVITY Homo sapiens (Human)	APPLICATIONS Western Blot, SDS-Page
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PRODUCT SYNONYMS

Killer Cell Immunoglobulin Like Receptor 2DS2 (KIR2DS2); Recombinant Killer Cell Immunoglobulin Like Receptor 2DS2 (KIR2DS2); KIR2DS2 recombinant protein

PRODUCT SPECIFICATIONS

Host	E.coli
Reactivity	Homo sapiens (Human)
Purity/Purification	> 95%
Form/Format	20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% SKL, 5% Trehalose and Proclin300.
Concentration	Original Concentration: 200ug/mL (varies by lot)
Applicable Applications for KIR2DS2 recombinant protein	WB (Western Blot), SDS-PAGE, Immunogen, Positive Control
Source	Prokaryotic expression
Residues	His22~Ala304
Tags	N-terminal His and GST Tag
Subcellular Location	Membrane
Traits	Freeze-dried powder
Predicted isoelectric point	6.3
Usage	Reconstitute in 20mM Tris, 150mM NaCl (pH8.0) to a concentration of 0.1-1.0 mg/mL. Do not vortex.
Preparation and Storage	Storage: Avoid repeated freeze/thaw cycles. Store at 2-8 degree C for one month. Aliquot and store at -80 degree C for 12 months. Stability Test: The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 degree C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.



Gene Sequence
Gene Sequencing (extract)

SDS-PAGE

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SDVRFEFHLL HREGKYKDTL HEGVHRKPS LLAHPGPLVK SEETVILQCW  
YGSVTHSPYQ LSAPSDPLDI HLIGEHHDGV SKANFSIGPM MDLAGTYRC  
SRSSYDMYHL SREGEAHERR FSAGPKVNGT FOADFPLGPA THGTYRCFG  
SFRDSPYEWS NSSDPLLVSV TGNPSNSWPS PTEPSSKTGN PRHLHVLIGT  
SVVKIPFTIL LFFLLHRWCS NKKNAAVMDQ EPAGNRTVNS EDSDEQDHQE  
VSYA
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Sequence

NCBI AND UNIPROT INFORMATION

NCBI GI #	6912472
NCBI GeneID	100132285
NCBI Accession #	NP_036444.1
NCBI GenBank Nucleotide #	NM_012312.3
UniProt Accession #	P43631; Q14955; Q6H2G9
Molecular Weight	Predicted Molecular Mass: 61.2kDa Accurate Molecular Mass: 60kDa as determined by SDS-PAGE reducing conditions.
NCBI Official Full Name	killer cell immunoglobulin-like receptor 2DS2
NCBI Official Synonym Full Names	killer cell immunoglobulin-like receptor, two domains, short cytoplasmic tail, 2
NCBI Official Symbol	KIR2DS2
NCBI Official Synonym Symbols	NKAT5; cl-49; CD158J; CD158b; 183Actl
NCBI Protein Information	killer cell immunoglobulin-like receptor 2DS2; NKAT-5; p58 KIR; 1060P11.9.2; NK receptor 183 Actl; p58 NK receptor CL-49; MHC class I NK cell receptor; killer-cell Ig-like receptor; CD158 antigen-like family member J; natural killer associated transcript 5; natural killer-associated transcript 5; natural killer cell inhibitory receptor; p58 killer cell inhibitory receptor KIR-K7a; p58 natural killer cell receptor clone CL-49; killer-cell immunoglobulin-like receptor two domains short tail 2 protein
UniProt Protein Name	Killer cell immunoglobulin-like receptor 2DS2
UniProt Gene Name	KIR2DS2
UniProt Synonym Gene Names	CD158J; NKAT5; NKAT-5
UniProt Entry Name	KI2S2_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.