

KIR3DL3 recombinant protein

Recombinant Human KIR3DL3 Protein (ECD, hFc Tag), HPLC-verified

CATALOG # AAA259297	HOST HEK293 Cells	REACTIVITY Human
-------------------------------	-----------------------------	----------------------------

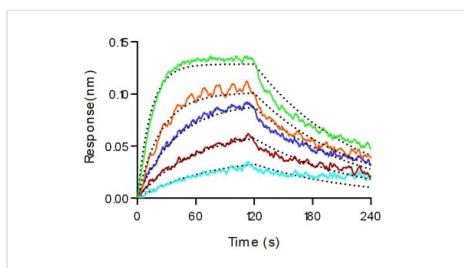
PRODUCT SYNONYMS

KIR3DL3; Recombinant Human KIR3DL3 Protein (ECD; hFc Tag); HPLC-verified; Human KIR3DL3 Protein (ECD; Fc Tag); killer cell immunoglobulin like receptor; three Ig domains and long cytoplasmic tail 3; CD158Z Protein; Human; KIR2DL5B Protein; KIR3DL7 Protein; KIR44 Protein; KIRC1 Protein; KIR3DL3 recombinant protein

PRODUCT SPECIFICATIONS

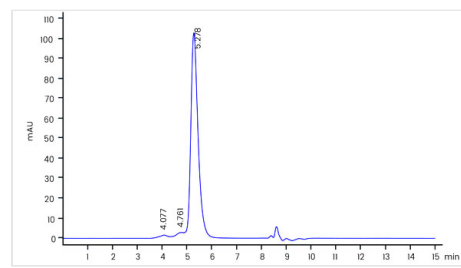
Host	HEK293 Cells
Reactivity	Human
Purity/Purification	>= 95% as determined by SDS-PAGE. >= 90% as determined by SEC-HPLC.
Form/Format	Lyophilized from sterile PBS, pH 7.4. Normally 5%-8% trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
Sequence	Met1-Leu32 2
Tag	C-human IgG1-Fc
Predicted N Terminal	Gln 26
Endotoxin	< 1.0 EU perug of the protein as determined by the LAL method
Protein Construction	A DNA sequence encoding the Human KIR3DL3 (NP_703144.2)(Met1-Leu322) was expressed with the Fc region of human IgG1 at the C-terminus.
Activity	Loaded Recombinant Human B7-H7/HLA2 Protein, His Tag on His1K Biosensor, can bind Recombinant Human KIR3DL3 Protein, hFc Tag with an affinity constant of 18.5nM as determined in BLI assay (Sartorius Octet RED384)(QC tested).
Preparation and Storage	Samples are stable for up to twelve months from date of receipt at -20 degree C to -80 degree C. Store it under sterile conditions at -20 degree C to -80 degree C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles. In general, recombinant proteins are provided as lyophilized powder which are shipped at ambient temperature. Bulk packages of recombinant proteins are provided as frozen liquid. They are shipped out with blue ice unless customers require otherwise.

IMAGES

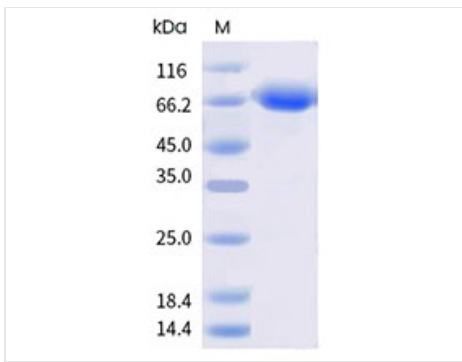


Application Data

Loaded Recombinant Human B7-H7/HLA2 Protein, His Tag on His1K Biosensor, can bind Recombinant Human KIR3DL3 Protein, hFc Tag (QC tested).



Application Data



Application Data

ADDITIONAL INFORMATION

Related Product Information for KIR3DL3 recombinant protein	KIR3DL3 (Killer Cell Immunoglobulin Like Receptor, Three Ig Domains And Long Cytoplasmic Tail 3) is a Protein Coding gene. KIR3DL3 is a framework gene of the Leukocyte Receptor Complex, present in all individuals and haplotypes analyzed to date. KIR3DL3 alleles were characterized by two families and one unrelated individual. The most centromeric gene in the human KIR cluster is KIR3DL3. The encoded protein belongs to the immunoglobulin superfamily. KIR3DL3 has only one immunoreceptor tyrosine-based inhibitory motif and lacks the exon encoding the stem between the Immunoglobulin domains and the transmembrane region. KIR3DL3 gene is not a pseudogene but encodes a protein that is not expressed in healthy individuals. Protein expression might be induced under certain developmental or pathological situations.
Product Categories/Family for KIR3DL3 recombinant protein	ITIM/ITAM Immunoreceptors and Related Molecules

NCBI AND UNIPROT INFORMATION

NCBI GI #	46488946
NCBI GeneID	115653
NCBI Accession #	NP_703144.2
NCBI GenBank Nucleotide #	NM_153443.3
Molecular Weight	44,928 Da
NCBI Official Full Name	killer cell immunoglobulin-like receptor 3DL3
NCBI Official Synonym Full Names	killer cell immunoglobulin-like receptor, three domains, long cytoplasmic tail, 3
NCBI Official Symbol	KIR3DL3
NCBI Official Synonym Symbols	KIR44; KIRC1; CD158Z; KIR3DL7
NCBI Protein Information	killer cell immunoglobulin-like receptor 3DL3; killer cell inhibitory receptor 1; CD158 antigen-like family member Z; killer cell Ig-like receptor KIR3DL7

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://stage.aaabiotech.com/kir3dl3-recombinant-protein-hek293-cells/259297>