

NCAM-1/CD56 Recombinant Protein | NCAM1 recombinant protein

Recombinant Human NCAM-1/CD56 Protein (ECD, hFc Tag), HPLC-verified

CATALOG # AAA259322	HOST HEK293 Cells	REACTIVITY Human
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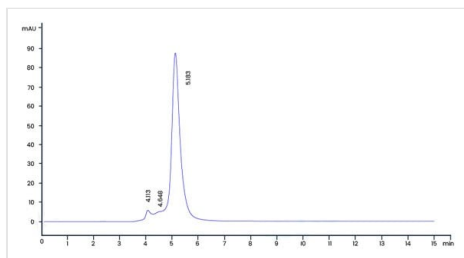
PRODUCT SYNONYMS

NCAM-1/CD56; Recombinant Human NCAM-1/CD56 Protein (ECD; hFc Tag); HPLC-verified; Human KIR3DL1 Protein (ECD; Fc Tag); neural cell adhesion molecule 1; CD56 Protein; Human; MSK39 Protein; NCAM Protein; NCAM1 recombinant protein

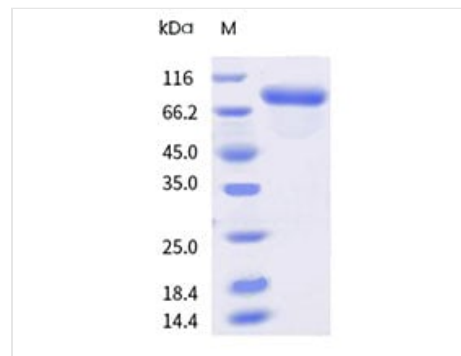
PRODUCT SPECIFICATIONS

Host	HEK293 Cells
Reactivity	Human
Purity/Purification	>= 95% as determined by SDS-PAGE. >= 90% as determined by SEC-HPLC.
Form/Format	Lyophilized from sterile 20 mM MES, 150 mM NaCl, 8% Glycerol, 10% trehalose, pH 6.0. Normally 5%-8% trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
Sequence	Met1-His34 0
Tag	C-human IgG1-Fc
Predicted N Terminal	His 22
Endotoxin	< 1.0 EU perug protein as determined by the LAL method.
Protein Construction	A DNA sequence encoding the Human NCAM1 (P43629)(Met1-His340) was expressed with the Fc region of human IgG1 at the C-terminus.
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



Application Data

ADDITIONAL INFORMATION

Related Product Information for NCAM1 recombinant protein	NCAM1 (Neural Cell Adhesion Molecule 1, also known as CD56) is a Protein Coding gene. 3 alternatively spliced human isoforms have been reported. NCAM1 is a neural adhesion protein (NCAM) that belongs to the immunoglobulin superfamily. The encoded protein is involved in cell-to-cell interactions as well as cell-matrix interactions during development and differentiation. NCAM1 is involved in neuron-neuron adhesion, neurite fasciculation, the outgrowth of neurites, etc. It has also been shown to be involved in the expansion of T cells and dendritic cells which play an important role in immune surveillance. Diseases associated with NCAM1 include Rabies and Bile Duct Cancer. Among its related pathways are Neuroscience and RET signaling.
References	Reye. AA. e. al.. 1991. Mo. Cel. Biol. 1. (3). 1654-61. Suzuk. M. e. al.. 2003. . Bio. Chem. 27. (49). 49459-68. Becke. . G. e. al.. 1996. . Neurosc. Res. 4. (2). 143-52.

NCBI AND UNIPROT INFORMATION

NCBI GI #	1171728
NCBI GeneID	3811
UniProt Accession #	P43629; O43473; Q14946; Q16541
Molecular Weight	444
NCBI Official Full Name	Killer cell immunoglobulin-like receptor 3DL1
NCBI Official Synonym Full Names	killer cell immunoglobulin-like receptor, three domains, long cytoplasmic tail, 1
NCBI Official Symbol	KIR3DL1
NCBI Official Synonym Symbols	KIR; NKB1; NKAT3; NKB1B; NKAT-3; CD158E1; KIR3DL1/S1
NCBI Protein Information	killer cell immunoglobulin-like receptor 3DL1; NK-receptor; KIR antigen 3DL1; killer Ig receptor; p70 NK receptor CL-2/CL-11; MHC class I NK cell receptor; CD158 antigen-like family member E; p70 killer cell inhibitory receptor; natural killer-associated
UniProt Protein Name	Killer cell immunoglobulin-like receptor 3DL1
UniProt Gene Name	KIR3DL1
UniProt Synonym Gene Names	CD158E; NKAT3; NKB1; NKAT-3; p70 NK receptor CL-2/CL-11
UniProt Entry Name	KI3L1_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.