

NCAM-1/CD56 recombinant protein

Recombinant Human NCAM-1/CD56 Protein

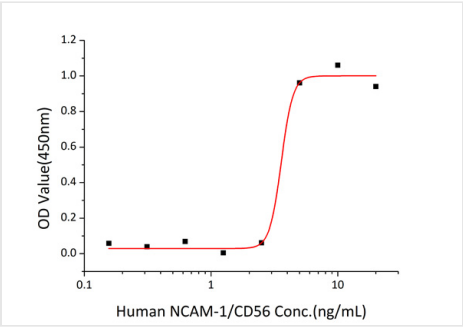
CATALOG #
AAA283400HOST
HEK293 cells

PRODUCT SYNONYMS

NCAM-1/CD56; Recombinant Human NCAM-1/CD56 Protein; N-CAM-1; NCAM-1; NCAM1; CD56; NCAM; MSK39; NCAM-1/CD56 recombinant protein

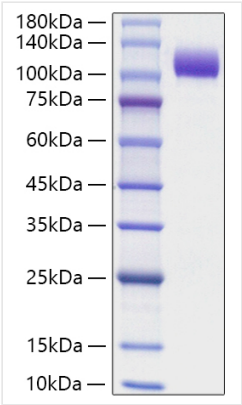
PRODUCT SPECIFICATIONS

Host	HEK293 cells
Purity/Purification	>95% as determined by HPLC
Form/Format	Lyophilized from a 0.22 um filtered solution of PBS, pH7.4.
Sequence	LQVDIVPSQG EISVGESKFF LCQVAGDAKD KDISWFSPNG EKLTPNQRI SVVWNDDSSS TLTIYNANID DAGIYKCVVT GEDGSESEAT VNVKIFQKLM FKNAPTQEF REGEDAVIVC DVVSSLPPTI IWKHKGRDVI LKKDVRFIVL SNNYLQIRGI KKTDEGTYRC EGRILARGEI NFKDIQVIVN VPPTIQARQN IVNATANLGQ SVTLVCDAEG FPEPTMSWTK DGEQIEQEED DEKYIFSDDS SQLTIKKVDK NDEAEYICIA ENKAGEQDAT IHLKVFAKPK ITYVENQTAM ELEEQVTLTC EASGDPIPSI TWRTSTRNIS SEEKASWTRP EKQETLDGHM VVRSHARVSS LTLKSIQYTD AGEYICTASN TIGQDSQSMY LEVQYAPKLQ GPVAVYTWEQ NQVNITCEVF AYPSATISWF RDGQLLPSSN YSNIKIYNTP SASYLEVTPD SENDFGNYNC TAVNRIGQES LEFILVQADT PSSPSIDQVE PYSSTAQVQF DEPEATGGVP ILKYKAEWRA VGEEVWHKW YDAKEASMEG IVTIVGLKPE TTYAVRLAAL NGKGLGEISA ASEFKTQPVQ GEPSAPKLEG QMGEDGNSIK VNLIKQDDGG SPIRHYLVRY RALSSEWKPE IRLPSGSDHV MLKSLDWNAE YEVYVVAENQ QGKSAAHFV FRTSAQPTAI PANGSPTSG
Species	Human
Tag	C-His
Endotoxin	<0.01 EU/ug of the protein by LAL method.
Bio-Activity	Measured by the ability of the immobilized protein to support the adhesion of Neuro2A Human neuroblastoma cells. The ED50 for this effect is 1.8-7.2ug/mL.
Preparation and Storage	Store at -20 degree C. Store the lyophilized protein at -20 degree C to -80 degree C up to 1 year from the date of receipt. After reconstitution, the protein solution is stable at -20 degree C for 3 months, at 2-8 degree C for up to 1 week.



Application Data

immobilized protein to support the adhesion of Neuro2A Human neuroblastoma cells. The ED50 for this effect is 1.8-7.2 ug/mL.



SDS-PAGE

Recombinant Human NCAM-1/CD56 Protein was determined by SDS-PAGE with Coomassie Blue, showing a band at 100-140 kDa.

ADDITIONAL INFORMATION

Related Product Information for NCAM-1/CD56 recombinant protein	Neural Cell Adhesion Molecule 1 (NCAM-1), a multifunctional member of the immunoglobulin superfamily, is expressed on the surface of neurons, glia, skeletal muscle, and natural killer cells. NCAM-1 has been implicated as having a role in cell-cell adhesion, involved in development of the nervous system, and for cells involved in the expansion of T cells and dendritic cells which play an important role in immune surveillance.
Product Categories/Family for NCAM-1/CD56 recombinant protein	Bio-Markers & CD Antigens; Proteins

NCBI AND UNIPROT INFORMATION

NCBI GI #	205830665
NCBI GeneID	4684
UniProt Accession #	P13591; P13592; P13593; Q05C58; Q15829; Q16180; Q16209; Q59FL7; Q86X47; Q96CJ3; A8K8T8
UniProt Protein Name	Neural cell adhesion molecule 1
UniProt Gene Name	NCAM1
UniProt Synonym Gene Names	NCAM; N-CAM-1; NCAM-1
UniProt Entry Name	NCAM1_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.