

Neural cell adhesion molecule L1 (L1CAM) Active Protein | L1CAM active protein

Recombinant Human Neural cell adhesion molecule L1 (L1CAM), partial (Active)

CATALOG #
AAA278906

HOST
Mammalian Cell

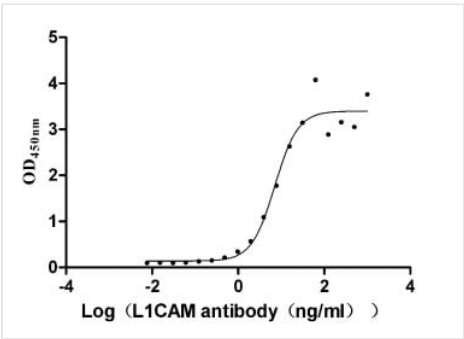
PRODUCT SYNONYMS

Neural cell adhesion molecule L1 (L1CAM); Recombinant Human Neural cell adhesion molecule L1 (L1CAM); partial (Active); L1CAM active protein

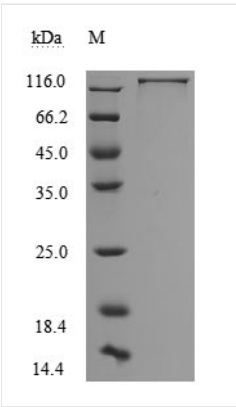
PRODUCT SPECIFICATIONS

Host	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	20-1120aa, Partial
Sequence	IQIPEEYEGH HVMPEPPVITE QSPRRLVFP TDDISLKCEA SGKPEVQFRW TRDGVHFKPK EELGVTVYQS PHSGSFTITG NNSNFAQRFQ GIYRCFASNK LGTAMSHEIR LMAEGAPKWP KETVKPVEVE EGESVVLPCN PPPSAEPLRI YWMNSKILHI KQDERVTMGQ NGNLYFANVL TSDNHSDYIC HAHFPGTRTI IQKEPIDLRV KATNSMIDRK PRLLFPTNSS SHLVALQGQP LVLECIAEGF PTPTIKWLRP SGPMPADRVY YQNHNKTLQL LKVGEEDDGE YRCLAENSLG SARHAYYVTV EAAPYWLHKP QSHLYGPGET ARLDCQVQGR PQPEVTWRIN GIPVEELAKD QKYRIQRGAL ILSNVQPSDT MVTQCEARNR HGLLLANAYI YVVQLPAKIL TADNQTYMAV QGSTAYLLCK AFGAPVPSVQ WLDEDGTTVL QDERFFPYAN GTLGIRDLQA NDTGRYFCLA ANDQNNVTIM ANLKVKDATQ ITQGPRSTIE KKGSRVTFTC QASFDPSLQP SITWRGDGRD LQELGDS DKY FIEDGRLVIIH SLDYSDQGNV SCVASTELDV VESRAQLLVV GSPGPVPRLV LSDLHLLTQS QVRVSWSPA E DHNAPIEKYD IEFEDKEMAP EKWYSLGKVP GNQTSTTLKL SPYVHYTFRV TAINKYGPGE PSPVSETVVT PEAAPEKNPV DVKGEGNETT NMVITWKPLR WMDWNAPQVQ YRVQWRPQGT RGPWQEQIVS DPFLVVSNTS TFPYIEIKVQ AVNSQKGKPE PQVTIGYSGE DYPQAIPELE GIEILNSSAV LVKWRPVDLA QVKGHLRGYN VTYWREGSQR KHSKRHIHKD HVVVPANTTS VILSLRPYS SYHLEVQAFN GRGSGPASEF TFSTPEGVPG HPEALHLECG SNTSLLLRWQ PPLSHNGVLT GYVLSYHPLD EGGKGQLSFN LRDPELRTHN LTDLSPLHRY RFQLQATTKE GPGEAIVREG GTMALSGISD FGNISATAGE NYSVSVSWVPK EGQCNFRFHI LFKALGEEKG GASLSPQYVS YNQSSYTQWD LQPD TDYEIH LFKERMFRHQ MAVKTNGTGR VRLPPAGFAT E
Species	Homo sapiens (Human)
Endotoxin	Less than 1.0EU/ug as determined by LAL method.
Reconstitution	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20 degree C/-80 degree C. Our default final concentration of glycerol is 50%. Customers could use it as reference.
Biological Activity	Measured by its binding ability in a functional ELISA. Immobilized L1CAM at 2ug/mL can bind Anti-L1CAM Rabbit Monoclonal Antibody, the EC50 is 5.384-9.380ng/mL.
Preparation and Storage	Store at -20 degree C. For extended storage, store at -20 or -80 degree C. Repeated freezing and thawing is not recommended. Store working aliquots at 4 degree C for up to one week.

IMAGES



Bioactivity



SDS-PAGE
Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

ADDITIONAL INFORMATION

Product Categories/Family for L1CAM active protein	Cell Adhesion
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NCBI AND UNIPROT INFORMATION

NCBI GI #	4557707
NCBI GeneID	3897
NCBI Accession #	NP_000416.1
NCBI GenBank Nucleotide #	NM_000425.4
UniProt Accession #	P32004; Q8TA87; A0AV65; A4ZYW4; B2RMU7; G3XAF4
Molecular Weight	140,003 Da
NCBI Official Full Name	neural cell adhesion molecule L1 isoform 1
NCBI Official Synonym Full Names	L1 cell adhesion molecule
NCBI Official Symbol	L1CAM
NCBI Official Synonym Symbols	S10; HSAS; MASA; MIC5; SPG1; CAML1; CD171; HSAS1; N-CAML1; NCAM-L1; N-CAM-L1
NCBI Protein Information	neural cell adhesion molecule L1; antigen identified by monoclonal antibody R1
UniProt Protein Name	Neural cell adhesion molecule L1
UniProt Gene Name	L1CAM
UniProt Synonym Gene Names	CAML1; MIC5; N-CAM-L1; NCAM-L1
UniProt Entry Name	L1CAM_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.