

Human L1CAM Recombinant Protein



RPPB3832

Product Information Protein Information

Product SKU:

RPPB3832

Accession:

P32004

Host:

Sf9, Baculovirus cells.

Protein description:

L1CAM Human Recombinant produced in Sf9 Baculovirus cells is a single, glycosylated polypeptide chain containing 1104 amino acids (20-1115a.a.) and having a molecular mass of 123.6kDa (Molecular size on SDS-PAGE will appear at approximately 100-150kDa). L1CAM is expressed with a 8 amino acids His tag at C-Terminus and purified by proprietary chromatographic techniques.

Appearance:

Sterile filtered colorless solution.

Synonyms:

L1 Cell Adhesion Molecule, Antigen Identified By Monoclonal Antibody R1, N-CAM-L1, NCAM-L1, CAML1, MIC5, Neural Cell Adhesion Molecule L1, CD171 Antigen, N-CAML1, CD171, HSAS1, MASA, HSAS, SPG1, S10.

Formulation:

L1CAM protein solution (0.25mg/ml) contains Phosphate Buffered Saline (pH 7.4) and 10% glycerol.

Purity:

Greater than 90.0% as determined by SDS-PAGE.

Stability:

Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

Amino Acid Sequence:

IQIPEELMEP PVITEQSPRR LVVFPTDDIS LKCEASGKPE VQFRWTRDGV HFKPKEELGV TVYQSPHSGS
FTITGNNSNF AQRFAQIYRC FASNKLGTAM SHEIRLMAEG APKWPKETVK PVEVEEGESV VLPCNPPPSA
EPLRIYWMNS KILHIKQDER VTMGQNGNLY FANVLTSDNH SDYICAHFHP GTRTIIQKEP IDLRVKATNS
MIDRKPRLLF PTNSSSHLVA LQGQPLVLEC IAEGFPTPTI KWLRPSPGMP ADRVTYQNHN KTLQLLKVGE
EDDGEYRCLA ENSLGSARHA YYVTVEAAPY WLHKPQSHLY GPGETARLDC QVQGRPQPEV TWRINGIPVE
ELAKDQKYRI QRGALILSNV QPSDTMVTQC EARNRHGLLL ANAYIYVVQL PAKILTADNQ TYMAVQGSTA
YLLCKAFGAP VPSVQWLDED GTTVLQDERF FPYANGTLGI RDLQANDTGR YFCLAANDQN NVTIMANLKV
KDATQITQGP RSTIEKKGSR VTFTCQASFD PSLQPSITWR GDGRDLQELG DSDKYFIEDG RLVIHSLDYS
DQGNYSVAS TELDVVESRA QLLVVGSPGP VPRLVLSDLH LLTQSQVRVS WSPAEDHNAP IEKYDIEFED
KEMAPEKWYS LGKVPGNQTS TTLKLSPIYVH YTFRVTAINK YGPGESPVS ETVVTPEAAP EKNPVDVKGE
GNETTNMVIT WKPLRWMDWN APQVQYRVQW RPQGTRGPWQ EQIVSDPFLV VSNTSTFPVY EIKVQAVNSQ
GKGPEPQVTI GYSGEDYPQA IPELEGIEIL NSSAVLVKWR PVDLAQVKGH LRGYNVYWR EGSQRKHSKR
HIHKDHVVVP ANTTSVILSG LRPYSSYHLE VQAFNGRGS G PASEFTFSTP EGVPGHPEAL HLECQSNLTL
LLRWQPPLSH NGVLTGYVLS YHPLDEGGKG QLSFNLRDPE LRTHNLTDLS PHLRYRFQLQ ATTKEGPGEA
IVREGGTMAL SGISDFGNIS ATAGENYSVV SWVPKEGQCN FRFHILFKAL GEEKGGASLS PQYVSYNQSS
YTQWDLQPDY DYEIHLFKER MFRHQMAVKT NGTGRVRLPP AGFATELEHH HHHH.