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32-13287: L1CAM Human

Alternative Name : 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.

Description

Source: Sf9, Baculovirus cells.
Sterile filtered colorless solution.
L1 Cell Adhesion Molecule (L1CAM) which is a cell adhesion receptor of the immunoglobulin superfamily takes part in nerve cell function. L1CAM is a neural cell adhesion molecule involved in the dynamics of cell adhesion and in the generation of transmembrane signals at tyrosine kinase receptors. L1CAM takes part in cell migration, neurite outgrowth and myelination. Furthermore, L1CAM plays an important role in the dynamics of neuronal structure and function in the mature brain.
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.

Product Info

Amount :	2 µg / 10 µg
Purification :	Greater than 90.0% as determined by SDS-PAGE.
Content :	L1CAM protein solution (0.25mg/ml) contains Phosphate Buffered Saline (pH 7.4) and 10% glycerol.
Storage condition :	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 :

IQIPEELMEP PVITEQSPRR LVVFPTDDIS LKCEASGKPE VQFRWTRDGV HFKPKEELGV TVYQSPHSGS FTITGNNSNF AQRFQGIYRC FASNKLGTAM SHEIRLMAEG APKWPKETVK PVEVEEGESV VLPCNPPPSA EPLRIYWMNS KILHIKQDER VTMGQNGNLY FANVLTSDNH SDYICHAHFP GTRTIIQKEP IDLRVKATNS MIDRKPRLLF PTNSSSHLVA LQGQPLVLEC IAEGFPTPTI KWLRPSGPMP 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 DQGNYSCVAS TELDVVESRA QLLVVGSPGP VPRLVLSDLH LLTQSQVRVS WSPAEDHNAP IEKYDIEFED KEMAPEKWYS LGKVPGNQTS TTLKLSPYVH YTFRVTAINK YGPGEPSPVS ETVVTPEAAP EKNPVDVKGE GNETTNMVIT WKPLRWMDWN APQVQYRVQW RPQGTRGPWQ EQIVSDPFLV VSNTSTFVPY EIKVQAVNSQ GKGPEPQVTI GYSGEDYPQA IPELEGIEIL NSSAVLVKWR PVDLAQVKGH LRGYNVTYWR EGSQRKHSKR HIHKDHVVVP ANTTSVILSG LRPYSSYHLE VQAFNGRGSG PASEFTFSTP EGVPGHPEAL HLECQSNTSL LLRWQPPLSH NGVLTGYVLS YHPLDEGGKG QLSFNLRDPE LRTHNLTDLS PHLRYRFQLQ ATTKEGPGEA IVREGGTMAL SGISDFGNIS ATAGENYSVV SWVPKEGQCN FRFHILFKAL GEEKGGASLS PQYVSYNQSS YTQWDLQPDT DYEIHLFKER MFRHQMAVKT NGTGRVRLPP AGFATELEHH HHHH.

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