

L1 Cell Adhesion Molecule Human Recombinant

Item Number	rAP-3498
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.
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
Uniprot Accession Number	P32004
Amino Acid Sequence	IQIPEELMEP PVITEQSPRR LVVFPTDDIS LKCEASGKPE VQFRWTRDGV HFKPKEELGV TVYQSPHSGS FTITGNNSNF AQRFGIYRC FASNKLG TAM SHEIRLMAEG APKWPKETVK PVEV- EEGESV VLPCNPPPSA EPLRIYWMNS KILHIKQDER VTMGQNGNLY FANVLTSNDH SDYICAHFP GTRTIQKEP IDLRVKATNS MIDRKPRLLF PTNSSSHLVA LQGQPLVLEC IAEGFPTPTI KWL RPSGMP ADRVTYQNHN KTLQLLKVG EDDGEYRCLA ENSLGSARHA YYVTVEAAPY WLHKPQSHLY GPGETARLDC QVQGRPQEV TWRINGIPVE ELAKDQKYRI QRGALILSNV QPSDTMVTQC EARN-
Source	Sf9, Baculovirus cells.
Physical Appearance and Stability	Sterile filtered colorless solution. 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.
Formulation and Purity	L1CAM protein solution (0.25mg/ml) contains Phosphate Buffered Saline (pH 7.4) and 10% glycerol. Greater than 90.0% as determined by SDS-PAGE.
Application	
Solubility	
Biological Activity	
Shipping Format and Condition	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**