

## Active Recombinant Human L1CAM, Fc Chimera

Cat. No. L1CAM-485H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human L1CAM (Accession # CAA42508) was produced in Mouse myeloma cell line, NS0-derived.
<b>Species</b>	Human
<b>Source</b>	Mammalian Cells
<b>Predicted N Terminal</b>	Ile20 & Arg864
<b>Form</b>	Lyophilized from a 0.2 µ filtered solution in Tris-Citrate and NaCl.
<b>Bio-activity</b>	Measured by the ability of the immobilized protein to support the adhesion of Neuro-2A mouse neuroblastoma cells. When $5 \times 10^4$ cells/well are added to Recombinant Human L1CAM Fc Chimera coated plates (25 µg/mL with 100 µL/well), >30% will adhere for 1 hour incubation at 37 °C. Optimal dilutions should be determined by each laboratory for each application.
<b>Molecular Mass</b>	Recombinant Human L1CAM, Fc Chimera has a calculated MW of 150.4 kDa (monomer) & 55.9 kDa (truncated). In SDS-PAGE migrates as 210-225 kDa, reducing conditions.
<b>Purity</b>	>90%, by SDS-PAGE under reducing conditions and visualized by silver stain.
<b>Storage</b>	Avoid repeated freeze-thaw cycles. No activity loss was observed after storage at: In lyophilized state for 1 year (4°C); After reconstitution under sterile conditions for 3

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months (-70°C).

**GENE INFORMATION**

<b>Gene Name</b>	L1CAM L1 cell adhesion molecule [ Homo sapiens ]
<b>Official Symbol</b>	L1CAM
<b>Synonyms</b>	L1CAM; L1 cell adhesion molecule; antigen identified by monoclonal R1 , HSAS, HSAS1, MASA, MIC5, S10, SPG1; neural cell adhesion molecule L1; CD171; antigen identified by monoclonal R1; S10; HSAS; MASA; MIC5; SPG1; CAML1; HSAS1; N-CAML1; NCAM-L1; N-CAM-L1;
<b>Gene ID</b>	3897
<b>mRNA Refseq</b>	NM_000425
<b>Protein Refseq</b>	NP_000416
<b>MIM</b>	308840
<b>UniProt ID</b>	P32004
<b>Chromosome Location</b>	Xq28

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