Active Recombinant Human L1CAM, Fc Chimera

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

SPECIFICATION

Product Overview	Recombinant Human L1CAM (Accession # CAA42508) was produced in Mouse myeloma cell line, NS0-derived.
Species	Human
Source	Mammalian Cells
Predicted N Terminal	Ile20 & Arg864
Form	Lyophilized from a 0.2 μm filtered solution in Tris-Citrate and NaCl.
Bio-activity	Measured by the ability of the immobilized protein to support the adhesion of Neuro-2A mouse neuroblastoma cells.When 5 x 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.
Molecular Mass	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.
Purity	>90%, by SDS-PAGE under reducing conditions and visualized by silver stain.
Storage	Avoid repeated freeze-thaw cycles. No activity loss was observed after storage at: In lyophilized state for 1 year (4ºC); After reconstitution under sterile conditions for 3

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	months (-70ºC).

GENE INFORMATION

Gene Name	L1CAM L1 cell adhesion molecule [Homo sapiens]
Official Symbol	L1CAM
Synonyms	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;
Gene ID	3897
mRNA Refseq	NM_000425
Protein Refseq	NP_000416
MIM	308840
UniProt ID	P32004
Chromosome Location	Xq28

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