Active Recombinant Human L1CAM Protein, His/Fc-tagged, Alexa Fluor 488 conjugated

Cat. No. L1CAM-526HAF488 **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Alexa Fluor 488 conjugated recombinant human L1CAM (Accession # EAW63869) Ile25-Gln1096, fused with a C-terminal 10-His tag, was produced in Mouse myeloma cell line, NS0-derived.
Species	Human
Source	Mammalian Cells
ProteinLength	25-1096 a.a.
Form	Lyophilized
Bio-activity	Measured by its ability to enhance neurite outgrowth of E16-E18 rat embryonic cortical neurons.Able to significantly enhance neurite outgrowth when immobilized as a 3 μL droplet containing 100 ng on a nitrocellulose-coated microplate.
Molecular Mass	Recombinant Human L1CAM, His-tagged has a calculated MW of 121.3 kDa. In SDS-PAGE migrates as 160-180 kDa, reducing conditions.
N-terminal Sequence Analysis	Ile 25
Purity	> 95 % by SDS-PAGE under reducing conditions and visualized by silver stain.

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Characteristic	Disulfide-linked homodimer Labeled with Alexa Fluor 488 via amines Excitation Wavelength: 488 nm Emission Wavelength: 515-545 nm
Storage	Avoid repeated freeze-thaw cycles. No activity loss was observed after storage at: In lyophilized state for 1 year (4 centigrade); After reconstitution under sterile conditions for 3 months (-70 centigrade).
Storage Buffer	Lyophilized from a 0.2 μm filtered solution in PBS.
Conjugation	Alexa Fluor 488

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

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UniProt ID	P32004

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