

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

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

## SPECIFICATION

<b>Product Overview</b>	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.
<b>Species</b>	Human
<b>Source</b>	Mammalian Cells
<b>ProteinLength</b>	25-1096 a.a.
<b>Form</b>	Lyophilized
<b>Bio-activity</b>	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.
<b>Molecular Mass</b>	Recombinant Human L1CAM, His-tagged has a calculated MW of 121.3 kDa. In SDS-PAGE migrates as 160-180 kDa, reducing conditions.
<b>N-terminal Sequence Analysis</b>	Ile 25
<b>Purity</b>	> 95 % by SDS-PAGE under reducing conditions and visualized by silver stain.

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<b>Characteristic</b>	Disulfide-linked homodimer Labeled with Alexa Fluor 488 via amines Excitation Wavelength: 488 nm Emission Wavelength: 515-545 nm
<b>Storage</b>	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).
<b>Storage Buffer</b>	Lyophilized from a 0.2 µm filtered solution in PBS.
<b>Conjugation</b>	Alexa Fluor 488
<b>GENE INFORMATION</b>	
<b>Gene Name</b>	<a href="#">L1CAM L1 cell adhesion molecule [ Homo sapiens ]</a>
<b>Official Symbol</b>	<a href="#">L1CAM</a>
<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>	<a href="#">3897</a>
<b>mRNA Refseq</b>	<a href="#">NM_000425</a>
<b>Protein Refseq</b>	<a href="#">NP_000416</a>
<b>MIM</b>	<a href="#">308840</a>

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