# Active Recombinant Human L1CAM Protein, His/Fc-tagged, Alexa Fluor 555 conjugated

**Cat. No.** L1CAM-526HAF555 **Lot. No.** (See product label)

## SPECIFICATION

| | |
|---|---|
| **Product Overview** | Alexa Fluor 555 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. |

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA

| | |
|---|---|
| **Characteristic** | Disulfide-linked homodimer<br>Labeled with Alexa Fluor 555 via amines<br>With an excitation and emission maximum of 555/565 nm, Alexa Fluor 555 can be efficiently excited using a 543 nm He-Ne laser line and detected under standard TRITC/Cy3 filters. |
| **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 555 |

## 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 |

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA

| | |
|---|---|
| **MIM** | 308840 |
| **UniProt ID** | P32004 |

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA