

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

**Cat. No.** L1CAM-628HAF555    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                              |
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| <b>Product Overview</b> | Alexa Fluor 555 conjugated recombinant human L1CAM precursor extracellular domain (NP_000416.1) (Met 1-Glu 1120), fused with the polyhistidine-tagged Fc region of human IgG1 at the C-terminus, was produced in Human Cell.                                                                                 |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                                        |
| <b>Source</b>           | HEK293                                                                                                                                                                                                                                                                                                       |
| <b>ProteinLength</b>    | 1348                                                                                                                                                                                                                                                                                                         |
| <b>Form</b>             | Lyophilized                                                                                                                                                                                                                                                                                                  |
| <b>Molecular Mass</b>   | The recombinant human CD171/Fc is a disulfide-linked homodimeric protein. The reduced monomer consists of 1348 amino acids and predicts a molecular mass of 151 kDa. As a result of glycosylation, the rh L1CAM/Fc monomer migrates as approximately 220-240 kDa band in SDS-PAGE under reducing conditions. |
| <b>Endotoxin</b>        | < 1.0 EU/ µg of the protein as determined by the LAL method.                                                                                                                                                                                                                                                 |
| <b>Characteristic</b>   | 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.                                                    |

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| <b>Stability</b>        | Samples are stable for up to 12 months from date of receipt at -70 centigrade.                                                                                            |
| <b>Storage</b>          | Store it under sterile conditions at -20 to -70 centigrade. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.       |
| <b>Storage Buffer</b>   | Lyophilized from sterile PBS, pH 7.4                                                                                                                                      |
| <b>Reconstitution</b>   | It is recommended that sterile water be added to the vial to prepare a stock solution. Centrifuge the vial at 4 centigrade before opening to recover the entire contents. |
| <b>Conjugation</b>      | Alexa Fluor 555                                                                                                                                                           |
| <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>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>                                                                                                                                                    |
| <b>UniProt ID</b>       | <a href="#">P32004</a>                                                                                                                                                    |