

Active Recombinant Human L1CAM protein, His-tagged, Low Endotoxin

Cat. No. L1CAM-3144H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human L1CAM protein(P32004-1)(Ile20-Glu1120), fused with C-terminal His tag, was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	20-1120 aa
Form	Lyophilized from 0.22µm filtered solution in PBS (pH 7.4). Normally 8% trehalose is added as protectant before lyophilization.
Bio-activity	Immobilized Human L1CAM, His Tag at 0.2µg/ml (100µl/well) on the plate. Dose response curve for Anti-L1CAM Antibody, hFc Tag with the EC50 of 3.7ng/ml determined by ELISA.
Molecular Mass	The protein has a predicted MW of 124.6 kDa. Due to glycosylation, the protein migrates to 150-180 kDa based on Bis-Tris PAGE result.
Endotoxin	Less than 0.01 EU per µg by the LAL method.
Purity	> 95% as determined by Bis-Tris PAGE; > 95% as determined by HPLC
Storage	Store at -20 to -80°C for 24 months as supplied from date of receipt. -80°C for 3

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months after reconstitution. Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.

Reconstitution Dissolve the lyophilized protein in distilled water.

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](#)

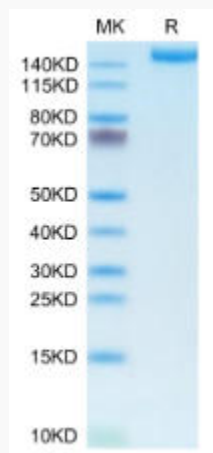
UniProt ID [P32004](#)

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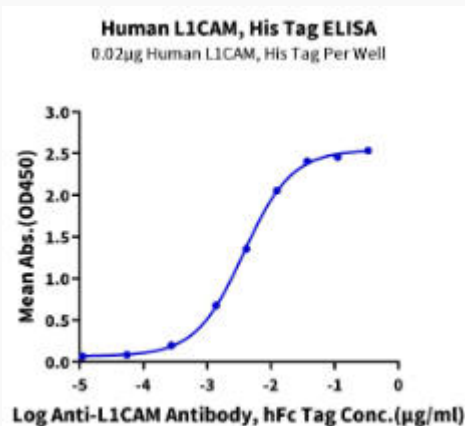
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Bis-Tris PAGE



ELISA Data



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