Recombinant Human L1CAM Protein, His-tagged

Cat. No. L1CAM-2166H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human L1CAM Protein (NP_000416.1) (Met 1-Glu 1120) was expressed in HEK293, fused with a polyhistidine tag at the C-terminus.
Species	Human
Source	HEK293
ProteinLength	Met 1-Glu 1120
Form	Lyophilized from sterile PBS, pH 7.4.
Storage	Samples are stable for up to twelve months from date of receipt at -20\ to -80°C. Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
Molecular Mass	The recombinant human CD171 consists of 1112 amino acids after removal of the signal peptide and predicts a molecular mass of 125 kDa. As a result of glycosylation, the apparent molecular mass of rhCD171 is approximately 160-200 kDa band in SDS-PAGE under reducing conditions.
Endotoxin	< 1.0 EU per μg of the protein as determined by the LAL method.
Purity	≥ 85 % as determined by SDS-PAGE. ≥ 90 % as determined by SEC-HPLC.

GENE INFORMATION

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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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