Recombinant Human L1CAM protein, GST-tagged

Cat. No. L1CAM-3758H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human L1CAM protein(460-660 aa), fused to GST tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	460-660 aa
Form	The purified protein was Lyophilized from sterile PBS (58mM Na2HPO4,17mM NaH2PO4, 68mM NaCl, pH8.). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization. The elution buffer contain 100mM GSH.
AA Sequence	WLDEDGTTVLQDERFFPYANGTLGIRDLQANDTGRYFCLAANDQNNVTIMANLKVK DATQITQGPRSTIEKKGSRVTFTCQASFDPSLQPSITWRGDGRDLQELGDSDKYFIE DGRLVIHSLDYSDQGNYSCVASTELDVVESRAQLLVVGSPGPVPRLVLSDLHLLTQS QVRVSWSPAEDHNAPIEKYDIEFEDKEMAPE
Purity	90%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Storage	Short-term storage: Store at 2-8°C for (1-2 weeks). Long-term storage: Aliquot and store at -20°C to -80°C for up to 3 months, buffer containing 50% glycerol is recommended for reconstitution. Avoid repeat freeze-thaw cycles.

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Reconstitution	Reconstitute at 0.25 ḡ/µl in 200 µl sterile water for short-term storage. Reconstitution with 200 µl 50% glycerol solution is recommended for longer term storage.

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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