

Recombinant Human CHL1 protein, His & T7-tagged

Cat. No. CHL1-1527H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human CHL1 aa. (Pro35~Glu328 (Accession # O00533)) fused with N-terminal His & T7 tag was produced in E. coli cells.
Species	Human
Source	E.coli
ProteinLength	Pro35~Glu328
Description	The protein encoded by this gene is a member of the L1 gene family of neural cell adhesion molecules. It is a neural recognition molecule that may be involved in signal transduction pathways. The deletion of one copy of this gene may be responsible for mental defects in patients with 3p- syndrome. This protein may also play a role in the growth of certain cancers. Alternate splicing results in both coding and non-coding variants.
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 37.2kDa
Endotoxin	<1.0EU per 1ug (determined by the LAL method)
Purity	>95%
Applications	SDS-PAGE; WB; ELISA; IP.

 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

Stability	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.
Storage buffer	Supplied as lyophilized form in PBS, pH7.4, containing 5% trehalose, 0.01% sarcosyl.
Reconstitution	Reconstitute in sterile PBS, pH7.2-pH7.4.
Isoelectric Point	5.7

GENE INFORMATION

Gene Name	CHL1 cell adhesion molecule L1 like [Homo sapiens (human)]
Official Symbol	CHL1
Synonyms	CHL1; cell adhesion molecule L1 like; CALL; L1CAM2; neural cell adhesion molecule L1-like protein; L1 cell adhesion molecule 2; cell adhesion molecule with homology to L1CAM (close homolog of L1); cell adhesion molecule with homology to L1CAM (close homologue of L1); close homolog of L1
Gene ID	10752
mRNA Refseq	NM_001253387.1
Protein Refseq	NP_001240316.1

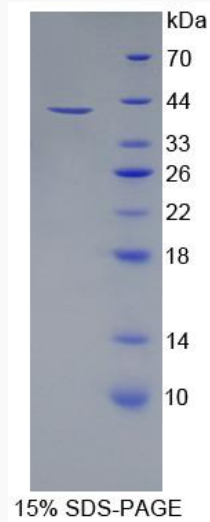
 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

UniProt ID

O00533

SDS-PAGE 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