

Active Recombinant Human CHL1 protein, His-tagged

Cat. No. CHL1-3145H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Active Recombinant Human CHL1 protein(AAI04919.1) (Met 1-Gln 1080) was expressed in HEK293, fused with a polyhistidine tag at the C-terminus.
Species	Human
Source	HEK293
ProteinLength	1-1080 aa
Form	Lyophilized from sterile PBS, pH 7.4.
Bio-activity	Measured by the ability of the immobilized protein to support the adhesion of C6 Rat brain glial cells. When 5 x 10E4 cells/well are added to CHL1 coated plates (0.8 µg/ml and 100 µl/well), approximately 40%-60% will adhere specifically after 60 minutes at 37°C.
Molecular Mass	The recombinant human CHL1 consists of 1067 amino acids after removal of the signal peptide and predicts a molecular mass of 120 kDa. As a result of glycosylation, the apparent molecular mass of rhCHL1 is approximately 160-180 kDa in SDS-PAGE under non-reduced conditions.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method.
Purity	> 95 % as determined by SDS-PAGE

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Storage Store it under sterile conditions at -20°C to -80°C upon receiving. Recommend to aliquot the protein into smaller quantities for optimal storage. Avoid repeated freeze-thaw cycles.

Reconstitution It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

Gene Name [CHL1 cell adhesion molecule with homology to L1CAM \(close homolog of L1\) \[Homo sapiens \]](#)

Official Symbol [CHL1](#)

Synonyms CHL1; cell adhesion molecule with homology to L1CAM (close homolog of L1); cell adhesion molecule with homology to L1CAM (close homologue of L1); neural cell adhesion molecule L1-like protein; CALL; cell adhesion molecule L1 like; FLJ44930; L1CAM2; MGC132578; neural cell adhesion molecule; close homolog of L1; L1 cell adhesion molecule 2; FLJ30674; DKFZp547L174;

Gene ID [10752](#)

mRNA Refseq [NM_001253387](#)

Protein Refseq [NP_001240316](#)

MIM [607416](#)

UniProt ID [O00533](#)

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