

Recombinant Mouse CHL1 protein, hFc-tagged

Cat. No. CHL1-1975M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse CHL1 protein(Met1-Gln1027), fused with hFc tag, was expressed in HEK293.
Species	Mouse
Source	HEK293
ProteinLength	Met1-Gln1027
Form	Lyophilized from sterile PBS, pH 7.4. Please contact us for any concerns or special requirements. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization. Please refer to the specific buffer information in the hard copy of CoA.
Molecular Mass	The recombinant mouse CHL1/Fc is a disulfide-linked homodimer. The reduced monomer comprises 1244 amino acids and has a predicted molecular mass of 139.4 kDa. The apparent molecular mass of the protein is approximately 140 kDa in SDS-PAGE under reducing conditions due to glycosylation.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method
Purity	> 95 % as determined by SDS-PAGE
Storage	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein

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be aliquoted 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 [*Mus musculus*]

Official Symbol CHL1

Synonyms CHL1; cell adhesion molecule with homology to L1CAM; neural cell adhesion molecule L1-like protein; chl1-like protein; close homolog of L1; CALL; LICAM2; AI465420; A530023M13Rik;

Gene ID 12661

mRNA Refseq NM_007697

Protein Refseq NP_031723

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