



Recombinant Protein Technical Manual

Recombinant Mouse CHL Protein (Fc Tag)

RPES2347

Product Data:

Product SKU: RPES2347

Size: 20µg

Species: Mouse

Expression host: HEK293 Cells

Uniprot: P70232

Protein Information:

Molecular Mass: 139.4 kDa

AP Molecular Mass: 140 kDa

Tag: C-Fc

Bio-activity:

Purity: > 95 % as determined by SDS-PAGE

Endotoxin: < 1.0 EU per µg of the protein as determined by the LAL method.

Storage: Lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.

Shipping: This product is provided as lyophilized powder which is shipped with ice packs.

Formulation: Lyophilized from sterile PBS, pH 7.4

Reconstitution: Please refer to the printed manual for detailed information.

Application:

Synonyms: A530023M13Rik;AI465420;CALL;LICAM2

Immunogen Information:

Sequence: Met1-Gln1027

Background:

Neural cell adhesion molecule L1-like protein, also known as close homolog of L1 (CHL1) is the prototypic member of the CTF / NF family of transcription factors that serve as a novel calcium signaling pathway-responsive transcription factor and is considered as a member of the largest ctf complementation group, consisting of 30 of 126 ctf mutants isolated. CHL1 is a cell adhesion molecule highly related to L1. It contains structure plan of six extracellular C2-type immunoglobulin (Ig) domains followed by five fibronectin type III domains linked by a single membrane-spanning region to a short cytoplasmic domain. The extracellular portion of CHL1 is highly glycosylated and involved in hemophilic disease.