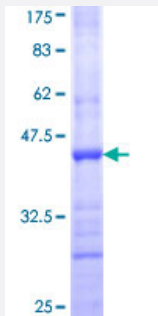


CHL1 (Human) Recombinant Protein (Q01)

Catalog # H00010752-Q01

Size 25 ug, 10 ug

Applications



Specification

Product Description	Human CHL1 partial ORF (NP_006605, 26 a.a. - 135 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	EIPSSVQQVPTIIKQSKVQVAFPFDEYFQIECEAKGNPEPTFSWTKDGNPFYFTDHRIPSNNSGTF RIPNEGHISHFQGKYRCFASNKLGIAMSEEIEFIVPSVPKFPK
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	37.84
Interspecies Antigen Sequence	Mouse (84)
Preparation Method	in vitro wheat germ expression system
Purification	Glutathione Sepharose 4 Fast Flow
Quality Control Testing	12.5% SDS-PAGE Stained with Coomassie Blue.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
Note	Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — CHL1

Entrez GeneID [10752](#)

GeneBank Accession# [NM_006614](#)

Protein Accession# [NP_006605](#)

Gene Name CHL1

Gene Alias CALL, FLJ44930, L1CAM2, MGC132578

Gene Description cell adhesion molecule with homology to L1CAM (close homolog of L1)

Omim ID [607416](#)

Gene Ontology [Hyperlink](#)

Gene Summary 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. Several alternatively spliced transcript variants of this gene have been described, but their full length nature is not known. [provided by RefSeq]

Other Designations L1 cell adhesion molecule 2|cell adhesion molecule L1-like|cell adhesion molecule with homology to L1CAM|cell adhesion molecule with homology to L1CAM (close homologue of L1)|neural cell adhesion molecule

Disease

- [Cleft Lip](#)
- [Cleft Palate](#)

- [Cognition](#)
- [Genetic Predisposition to Disease](#)
- [Neoplasms](#)
- [Ovarian cancer](#)
- [Ovarian Neoplasms](#)
- [Schizophrenia](#)
- [Tobacco Use Disorder](#)