

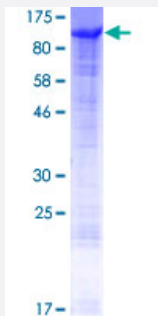
Full-Length

CHML (Human) Recombinant Protein (P01)

Catalog # H00001122-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description

Human CHML full-length ORF (NP_001812.2, 1 a.a. - 656 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

MADNLPTEFDVVIIGTGLPESILAAACSRSGQRVLHIDSRSYGGNWASFSGLLSWLKEYQQNN
DIGEESTVWQDLIHETEEAITLRKKDETIQHTAEFCYASQDMEDNVEEIGALQKNPSLGVSNFTFE
VLDSALPEESQLSYFNSDEMPAKHTQKSDTEISLEVTDVEESVEKEKYCGDKTCMHTVSDKDGD
KDESKSTVEDKADEPIRNRITYSQVKEGRRFNIDLVSLLYSQGLLIDLLIKSDVSRVVEFKNVTRIL
AFREGKVEQVPCSRADVFNSELTMVEKRMLMKFLTFCLYEYQHPDEYQAFRQCSFSEYLKTKK
LTPNLQHFLVLSIAMTSESSCTTIDGLNATKNFLQCLGRFGNTPFLFPLYGQGEIPQGFCRMCVAF
GGYCLRHKVQCFVVDKESGRCKAIIIDHFGQRINAKYFVEDSYLSEETCSNVQYKQISRAVLITDQSI
LKTDLDDQQTSLVPPAEPGACAVRVTELCSSMTCMKDTYLVHLTCSSSKTAREDLESVVKLFT
PYTETEINEEELTKPRLLWALYFNMRDSSGISRSSYNGLP SNVYVCSGPD CGLGNEHAVKQAETL
FQEIFPTEEF C P P P P N P E D I I F D G D D K Q P E A P G T N N V M A K L E S S E S K N L E S P E K H L Q N

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

100.5

Interspecies Antigen Sequence

Mouse (80); Rat (78)

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 — CHML

Entrez GeneID	1122
GeneBank Accession#	NM_001821.3
Protein Accession#	NP_001812.2
Gene Name	CHML
Gene Alias	FLJ10071, FLJ13361, REP2
Gene Description	choroideremia-like (Rab escort protein 2)
Omim ID	118825
Gene Ontology	Hyperlink
Gene Summary	The product of the CHML gene supports geranylgeranylation of most Rab proteins and may substitute for REP-1 in tissues other than retina. CHML is localized close to the gene for Usher syndrome type II. [provided by RefSeq]
Other Designations	OTTHUMP00000037644 REP-2, Rab escort protein 2 choroideremia-like Rab escort protein 2

Disease

- [Asthma](#)
- [Genetic Predisposition to Disease](#)
- [Multiple Sclerosis](#)