

Recombinant Full Length Human CHML Protein, GST-tagged

Cat. No. CHML-3203HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human CHML full-length ORF (NP_001812.2, 1 a.a. - 656 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	656 amino acids
Description	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, Jul 2008]
Molecular Mass	100.5 kDa
AA Sequence	<p>MADNLPTEFDVVIIGTGLPESILAAACSRSGQRVLHIDSRSYGGNWASFSGLLS WLKEYQQNNDIGEESTVWQDLIHETEEAITLRKKDETIQHTAEFCYASQDMEDNVE EIGALQKNPSLGVSNFTFEVLDSALPEESQLSYFNSDEMPAKHTQKSDTEISLEVTDV EESVEKEKYCGDKTCMHTVSDKDGDKDESKSTVEDKADEPIRNRITYSQIVKEGRRF NIDLVSLLYSQGLLIDLLIKSDVSRVVEFKNVTRILAFREGKVEQVPCSRADVFNSE LTMVEKRMLMKFLTFCLEYEQHPDEYQAFRQCSFSEYLKTKKLTPLNQHFLHSIAM TSESSCTTIDGLNATKNFLQCLGRFGNTPLFPLYGQGEIPQGFCRMCVFGGIYCL RHKVQCFVVDKESGRCKAIIDHFGQRINAKYFIVEDSYLSEETCSNVQYKQISRVLIT DQSILKTDLDQQTSLIVPPAEPGACAVRVTELCSSTMTCKMDTYLVHLTCSSSKTAR EDLESVVKKLFTPYTETEINEEELTKPRLLWALYFNMRDSSGISRSSYNGLP SNVYVC</p>

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	SGPDCGLGNEHAVKQAETLFQEIFPTEEFCEPPPPNPEDIIFDGDDKQPEAPGTNNVV MAKLESSEESKNLESPEKHLQN
Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production Protein Array
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
GENE INFORMATION	
Gene Name	CHML choroideremia-like (Rab escort protein 2) [Homo sapiens]
Official Symbol	CHML
Synonyms	CHML; choroideremia-like (Rab escort protein 2); rab proteins geranylgeranyltransferase component A 2; REP 2; choroideraemia-like protein; REP2; FLJ10071; FLJ13361;
Gene ID	1122
mRNA Refseq	NM_001821
Protein Refseq	NP_001812
MIM	118825
UniProt ID	P26374

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