

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
Protein Length	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	MADNLPTEFDVVIIGTGLPESILAAACSRSGQRVLHIDSRSYGGNWASFSGLLS WLKEYQQNNDIGEESTVWQDLIHETEEAITLRKKDETIQHTAFCYASQDMEDNVE EIGALQKNPSLGVSNFTFEVLDSALPEESQLSYFNSDEMPAKHTQKSDTEISLEVTDV EESVEKEKYCGDKTCMHTVSDKDGDKDESKSTVEDKADEPIRNRITYSQIVKEGRRF NIDLVSLLYSQGLLIDLLIKSDVSRVVEFKNVTRILAFREGKVEQVPCSRADVFNSE LTMVEKRMLMKFLTFCLEYEQHPDEYQAFRQCSFSEYLKTKKLTPNLQHFVLHSIAM TSESSCTTIDGLNATKNFLQCLGRFGNTPFLFPLYGQGEIPQGFCRMCAVFGGIYCL RHKVQCFVVDKESGRCKAIIDHFGQRINAKYFIVEDSYLSEETCSNVQYKQISRVLIT DQSILKTDLDQQTSLIVPPAEPGACAVRVTELCSSTMTCKMDTYLVHLTCSSSKTAR EDLESVVKKLFTPYTETEINEEELTKPRLLWALYFNMRDSSGISRSSYNGLPNSVYVC

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

	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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