

Recombinant Human CHML, His-tagged

Cat. No. CHML-26718TH **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant full length Human CHML expressed in <i>Saccharomyces cerevisiae</i> with His tag; amino acids 1-656, Predicted MWt 74kDa.
Species	Human
ProteinLength	1-656 a.a.
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.
Conjugation	HIS
Biological activity	Activity: 1 pmol of CHML will mediate transfer of 2 pmol of geranylgeraniol by RabGGTase onto 1 pmol of Rab7 in 3 minutes.
Form	Liquid
Purity	>90% by SDS-PAGE
Storage buffer	Preservative: None Constituents: 5mM DTT, 40mM Sodium chloride, 25mM HEPES, pH 7.2
Storage	Shipped on dry ice. Upon delivery aliquot and store at -80°C. Avoid freeze / thaw cycles.

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Full Length

Full L.

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;

Gene ID 1122

mRNA Refseq NM_001821

Protein Refseq NP_001812

MIM 118825

Uniprot ID P26374

Chromosome Location 1q42-qter

Function GTPase activator activity; Rab geranylgeranyltransferase activity;

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