

CHML Blocking Peptide (C-term)

Synthetic peptide

Catalog # BP20592c

Specification

CHML Blocking Peptide (C-term) - Product Information

Primary Accession

[P26374](#)**CHML Blocking Peptide (C-term) - Additional Information**

Gene ID 1122

Other Names

Rab proteins geranylgeranyltransferase component A 2, Choroideremia-like protein, Rab escort protein 2, REP-2, CHML, REP2

Target/Specificity

The synthetic peptide sequence is selected from aa 644-656 of HUMAN CHML

Format

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

Precautions

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

CHML Blocking Peptide (C-term) - Protein Information

Name CHML

Synonyms REP2

Function

Substrate-binding subunit (component A) of the Rab geranylgeranyltransferase (GGTase) complex. Binds unprenylated Rab proteins and presents the substrate peptide to the catalytic component B. The component A is thought to be regenerated by transferring its prenylated Rab back to the donor membrane. Less effective than CHM in supporting prenylation of Rab3 family.

Cellular Location

Cytoplasm, cytosol.

CHML Blocking Peptide (C-term) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Blocking Peptides](#)

CHML Blocking Peptide (C-term) - Images

CHML Blocking Peptide (C-term) - Background

Substrate-binding subunit (component A) of the Rab geranylgeranyltransferase (GGTase) complex. Binds unprenylated Rab proteins and presents the substrate peptide to the catalytic component B. The component A is thought to be regenerated by transferring its prenylated Rab back to the donor membrane. Less effective than CHM in supporting prenylation of Rab3 family.

CHML Blocking Peptide (C-term) - References

Cremers F.P.M.,et al.Hum. Mol. Genet. 1:71-75(1992).
Kasper G.,et al.Gene 295:27-32(2002).
Ota T.,et al.Nat. Genet. 36:40-45(2004).
Gregory S.G.,et al.Nature 441:315-321(2006).
Mural R.J.,et al.Submitted (JUL-2005) to the EMBL/GenBank/DDBJ databases.