



# Recombinant Human Rab proteins geranylgeranyltransferase component A 2 (CHML)

<b>Product Code</b>	CSB-MP005357HU
<b>Storage</b>	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
<b>Uniprot No.</b>	P26374
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Homo sapiens (Human)
<b>Purity</b>	>85% (SDS-PAGE)
<b>Sequence</b>	MADNLPTEFD VVIIGTGLPE SILAAACSRG GQRVLHIDSR SYYGGNWASF SFGLLSWLK EYQQNDIGE ESTVWQDLI HETEEAITLR KKDETIQHT AFCYASQDME DNVEEIGALQ KNPSLGSVNT FTEVLDSALP EESQLSYFNS DEMPAKHTQK SDTEISLEVT DVEESVEKEK YCGDKTCMHT VSDKDGDKDE SKSTVEDKAD EPIRNRITYS QIVKEGRRFN IDLVSKLLYS QGLLIDLLIK SDVSRVVEFK NVTRILAFRE GKVEQVPCSR ADVFNSKELT MVEKRMLMKF LTFCLEYEQH PDEYQAFRQC SFSEYLKTKK LTPNLQHFVL HSIAMTSESS CTTIDGLNAT KNFLQCLGRF GNTPLFLPLY GQGEIPQGFRC RMCVAVFGGIY CLRHKVQCFV VDKESGRCKA IIDHFGQRIN AKYFIVEDSY LSEETCSNVQ YKQISRAVLI TDQSILKTDL DQQTSILIVP PAEPGACAVR VTELCSSMT CMKDTYLVHL TCSSSKTARE DLESVVKKLF TPYTETEINE EELTKPRLW ALYFNMRDSS GISRSSYNGL PSNVYVCSGP DCGLGNEHAV KQAETLFQEI FPTEEFPPPP PNPEDIIFDG DDKQPEAPGT NNVMMAKLES SEESKNLESP EKHLQN
<b>Source</b>	Mammalian cell
<b>Target Names</b>	CHML
<b>Protein Names</b>	Recommended name: Rab proteins geranylgeranyltransferase component A 2 Alternative name(s): Choroideraemia-like protein Rab escort protein 2 Short name= REP-2
<b>Expression Region</b>	1-656
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
<b>Tag Info</b>	Tag type will be determined during the manufacturing process.
<b>Protein Length</b>	Full length protein
<b>Target Details</b>	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.
<b>Reconstitution</b>	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final



concentration of glycerol is 50%. Customers could use it as reference.

### Shelf Life

The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself.

Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.