



Recombinant Human Rab proteins geranylgeranyltransferase component A 2 (CHML)

Product Code	CSB-BP005357HU
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	P26374
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	>85% (SDS-PAGE)
Sequence	MADNLPTEFD VVIIGTGLPE SILAAACSRG GQRVLHIDSR SYYGGNWASF SFGLLSWLK EYQQNDIGE ESTVWQDLI HETEEAITLR KKDETIQHTE 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 GQGEIPQGFC RMCVFGGIY CLRHKVQCFV VDKESGRCKA IIDHFGQRIN AKYFIVEDSY LSEETCSNVQ YKQISRAVLI TDQSILKTDL DQQTSILIVP PAEPGACAVR VTELCSTMT CMKDTYLVHL TCSSSKTARE DLESVVKLF TPYTETEINE EELTKPRLW ALYFNMRDSS GISRSSYNGL PSNVYVCSGP DCGLGNEHAV KQAETLFQEI FPTEEFPPPP PNPEDIIFDG DDKQPEAPGT NNVMMAKLES SEESKNLESP EKHLQN
Source	Baculovirus
Target Names	CHML
Protein Names	Recommended name: Rab proteins geranylgeranyltransferase component A 2 Alternative name(s): Choroideraemia-like protein Rab escort protein 2 Short name= REP-2
Expression Region	1-656
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	Tag type will be determined during the manufacturing process.
Protein Length	Full length protein
Target Details	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.
Reconstitution	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.