



Recombinant Human GTP-binding protein REM 1 (REM1)

Product Code	CSB-MP019559HU
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	O75628
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	>85% (SDS-PAGE)
Sequence	MTLNTEQEAK TPLHRRASTP LPLSPRGHQP GRLSTVPSTQ SQHPRLGQSA SLNPPTQKPS PAPDDWSSES SDSEGSWEAL YRVLLGDPG VGKTSLASLF AGKQERDLHE QLGEDVYERT LTVDGEDTTL VVDVTWEAEK LDKSWSQESC LQGG SAYVIV YSIADRG SFE SASELRIQLR RTHQADHVPI ILVGNKADLA RCREVSVEEG RACAVVFDCK FIETSATLQH NVAELFEGVV RQLRLRRRDS AAKEPPAPRR PASLAQRARR FLARLTARSA RRRALKARSK SCHNLAVL
Source	Mammalian cell
Target Names	REM1
Protein Names	Recommended name: GTP-binding protein REM 1 Alternative name(s): GTPase-regulating endothelial cell sprouting Rad and Gem-like GTP-binding protein 1
Expression Region	1-298
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	This protein is a GTPase and member of the RAS-like GTP-binding protein family. The encoded protein is expressed in endothelial cells, where it promotes reorganization of the actin cytoskeleton and morphological changes in the cells.
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.