



Recombinant Human Regulator of G-protein signaling 11 (RGS11)

Product Code	CSB-EP019643HU
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	O94810
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	>85% (SDS-PAGE)
Sequence	MAAGPAPPPG RPRAQMPHLR KMERVVSMQ DPDQGVKMRS QRLLVTVIPH AVTGSDVVQW LAQKFCVSEE EALHLGAVLV QHGYIYPLRD PRSLMLRPDE TPYRFQTPYF WTSTLRPAAE LDYAIYLAKK NIRKRGTLVD YEKDCYDR LH K KINHAWDLV LMQAREQLRA AKQRSKGDRL VIACQEQT YW LVNRPPPGAP DVLEQGPGRG SCAASRVLMT KSADFKREI EYFRKALGRT RVKSSVCLEA YLSFCGQRGP HDPLVSGCLP SNPWISDNDA YWVMNAPTVA APTKLRVERW GFSFRELLED PVGRAHFMDF LGKEFSGENL SFWEACEELR YGAQAQVPTL VDAVYEQFLA PGAAHWVNID SRTMEQTLEG LRQPHRYVLD DAQLHIYMLM KKDSYPRFLK SDMYKALLAE AGIPLEMKRR VFPFTWRPRH SSPSPALLPT PVEPTAACGP GGGDGVA
Source	E.coli
Target Names	RGS11
Protein Names	Recommended name: Regulator of G-protein signaling 11 Short name= RGS11
Expression Region	1-467
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 belongs to the RGS (regulator of G protein signaling) family. Members of the RGS family act as GTPase-activating proteins on the alpha subunits of heterotrimeric, signal-transducing G proteins. This protein inhibits signal transduction by increasing the GTPase activity of G protein alpha subunits, thereby driving them into their inactive GDP-bound form. Alternative splicing occurs at this locus and two transcript variants encoding distinct isoforms have been identified.
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.