



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

<b>Product Code</b>	CSB-EP019643HU-B
<b>Storage</b>	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
<b>Uniprot No.</b>	O94810
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Homo sapiens (Human)
<b>Purity</b>	>85% (SDS-PAGE)
<b>Sequence</b>	MAAGPAPPPG RPRAQMPHLR KMERVVSMQ DPDQGVKMRS QRLLVTVIPH AVTGSDVVQW LAQKFCVSEE EALHLGAVLV QHGYIYPLRD PRSLMLRPDE TPYRFQTPYF WTSTLRPAE LDYAIYLAKK NIRKRGTLVD YEKDCYDRLH KKINHAWDLV LMQAREQLRA AKQRSKGDRL VIACQEQTYW 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
<b>Source</b>	E.coli
<b>Target Names</b>	RGS11
<b>Protein Names</b>	Recommended name: Regulator of G-protein signaling 11 Short name= RGS11
<b>Expression Region</b>	1-467
<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>	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.
<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.