



Recombinant Human Guanylate cyclase soluble subunit alpha-2 (GUCY1A2)

Product Code	CSB-EP010049HU
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	P33402
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	>85% (SDS-PAGE)
Sequence	MSRRKISSES FSSLGSDYLE TSPEEEGECF LSRLCWNGSR SPPGPLEPSP AAAAAAAAAPA PTPAASAAAA AATAGARRVQ RRRRVNLDLSDL GESISRLTAP SPQTIQQTLK RTLQYYEHQV IGYRDAEKNF HNISNRCSYA DHSNKEEIED VSGILQCTAN ILGLKFEEIQ KRFGEFFNI CFHENERVLR AVGGTLQDFF NGFDALLEHI RTSFGKQATL ESPSFLCKEL PEGTLMMLHYF HPHHIVGFAM LGMKAAGKK IYRLDVEVEQ VANEKLCSDV SNPGNCSCLT FLIKECENTN IMKNLPQGTS QVPADLRISI NTFCRAFPFH LMFDPMSVL QLGEGLRKQL RCDTHKVLKF EDCFEIVSPK VNATFERVLL RLSTPFVIRT KPEASGSENK DKVMEVKGQM IHVPESNSIL FLGSPCVDKL DELMGRGLHL SDIPIHDATR DVILVGEQAK AQDGLKKRMD KLKATLERTH QALEEEKKKT VDLLYSIFPG DVAQQLWQQQ QVQARKFDDV TMLFSDIVGF TAICAQCTPM QVISMLNELY TRFDHQCGFL DIYKVETIGD AYCVAAGLHR KSLCHAKPIA LMALKMMELS EEVLTPDGRP IQMRIGIHSG SVLAGVVGVR MPRYCLFGNN VTLASKFESG SHPRRINVSP TTYQLLKREE SFTFIPRSRE ELPDNFPKEI PGICYFLEVR TGPKPPKPSL SSSRIKKVSY NIGTMFLRET SL
Source	E.coli
Target Names	GUCY1A2
Protein Names	Recommended name: Guanylate cyclase soluble subunit alpha-2 Short name= GCS-alpha-2 EC= 4.6.1.2
Expression Region	1-732
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
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.