



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

<b>Product Code</b>	CSB-EP010049HU-B
<b>Storage</b>	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
<b>Uniprot No.</b>	P33402
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Homo sapiens (Human)
<b>Purity</b>	>85% (SDS-PAGE)
<b>Sequence</b>	MSRRKISSES FSSLGSDYLE TSPEEEGECF LSRLCWNGSR SPPGPLEPSP AAAAAAAAAA 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
<b>Source</b>	E.coli
<b>Target Names</b>	GUCY1A2
<b>Protein Names</b>	Recommended name: Guanylate cyclase soluble subunit alpha-2 Short name= GCS-alpha-2 EC= 4.6.1.2
<b>Expression Region</b>	1-732
<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>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.
<b>Shelf Life</b>	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.