



Recombinant Human Guanylate cyclase soluble subunit beta-2 (GUCY1B2)

Product Code	CSB-EP010051HU-B
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	O75343
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	≥85% (SDS-PAGE)
Sequence	<p>MSGYDRMLRT LGGNLMEFIE NLDALHSYLA LSYQEMNAPS FRVERGADGK MFLHYYSDRS GLCHIVPGII EAVAKDFDI DVIMDILDMN EEVERTGKKE HVVFLIVQKA HRKMRKTKPK RLQDSQGMER DQEALQAAFL KMKEKYLNVS ACPVKKSHWD VVRSIVMFGK GHLMNTFEPI YPERLWIEEK TFCNAFPFHI VFDESLQVKQ ARVNIQKYVP GLQTQNIQLD EYFSIIHPQV TFNIFSIRRF INSQFVLKTR REMMPVAWQS RTTLKLQGQM IWMESEMWCMV YLCSPKLRSL QELEELNMHL SDIAPNDTTR DLILLNQQRL AEIELSNQLE RKKEELQVLS KHLAIEKKKT ETLLYAMLPK HVANQLREGK KVAAGEFKSC TILFSDVVTF TNICTACEPI QIVNVLNSMY SKFDRLTSVH AVYKVETIGD AYMVVGVPV PIGHAQRVA NFALGMRISA KEVTNPVTGE PIQLRVGIHT GPVLADVVDG KMPRYCLFGD TVNTASRMES HGLPNKVHLS PTAYRALKNQ GFKIIRGEI EVKKGGRMTT YFLIQNLNAT EDEIMGRSKT PVDHKGSTQK ASLPTTKLQG SVQPSCPEHS SLASWLL</p>
Source	E.coli
Target Names	GUCY1B2
Protein Names	Recommended name: Guanylate cyclase soluble subunit beta-2 Short name= GCS-beta-2 EC= 4.6.1.2
Expression Region	1-617
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.