



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

<b>Product Code</b>	CSB-MP010051HU
<b>Storage</b>	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
<b>Uniprot No.</b>	O75343
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Homo sapiens (Human)
<b>Purity</b>	≥85% (SDS-PAGE)
<b>Sequence</b>	MSGYDRMLRT LGGNLMEFIE NLDALHSYLA LSYQEMNAPS FRVERGADGK MFLHYYSDRS GLCHIVPGII EAVAKDFDI DVIMDILDMN EEVERTGKKE HVVFLIVQKA HRKMRKTKPK RLQDSQGMER DQEALQAAFL KMKEKYLNV ACPVKKSHWD VVRSIVMFGK GHLMNTFEPI YPERLWIEEK TFCNAFPFHI VFDESLQVKQ ARVNIQKYVP GLQTQNIQLD EYFSIIHPQV TFIIFSIRRF INSQFVLKTR REMMPVAWQS RTTLKLQGQM IWMESMWCMV YLCSPKLRSL QELEELNMHL SDIAPNDTTR DLILLNQQRL AEIELSNQLE RKKEELQVLS KHLAIEKKKT ETLLYAML PK HVANQLREGK KVAAGEFKSC TILFSDVVTF TNICTACEPI QIVNVLNSMY SKFDRLTSVH AVYKVETIGD AYMVVGVPV PIGHAQRVA NFALGMRISA KEVTNPVTGE PIQLRVGIHT GPVLADVVDG KMPRYCLFGD TVNTASRMES HGLPNKVHLS PTAYRALKNQ GFKIIRGEI EVKGGKGRMTT YFLIQNLNAT EDEIMGRSKT PVDHKGSTQK ASLPTTKLQG SVQPSCPEHS SLASWLL
<b>Source</b>	Mammalian cell
<b>Target Names</b>	GUCY1B2
<b>Protein Names</b>	Recommended name: Guanylate cyclase soluble subunit beta-2 Short name= GCS-beta-2 EC= 4.6.1.2
<b>Expression Region</b>	1-617
<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.