



Recombinant Human Guanylate cyclase soluble subunit alpha-1 (GUCY1A1)

Product Code	CSB-YP010050HU
Storage	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.
Uniprot No.	Q02108
Storage Buffer	Lyophilized from Tris/PBS-based buffer, 6% Trehalose, pH 8.0
Product Type	Recombinant Proteins
Immunogen Species	Homo sapiens (Human)
Purity	>85% (SDS-PAGE)
Sequence	MFCTKLKDLK ITGECPFSLI APGQVPNESS EEAAGSSESC KATVPICQDI PEKNIQESLP QRKTSRSRVY LHTLAESICK LIFPEFERLN VALQRTLAKH KIKESRKSLE REDFEKTIAE QAVAAGVPVE VIKESLGEEV FKICYEEDEN ILGVVGGTLK DFLNSFSTLL KQSSHCQEAG KRGRLEDASI LCLDKEDDFL HVYYFFPKRT TSLILPGLIK AAAHVLYETE VEVSLMPPCF HNDCEFVNQ PYLLYSVHMK STKPSLSPSK PQSSLVIPTS LFCKTFPFHF MFDKDMTILQ FGNGIRRLMN RRDFQGKPNF EEFYFEILTPK INQTFSGIMT MLNMQFVVRV RRWDNSVKKS SRVMDLKGQM IYIVESSAIL FLGSPCVDRL EDFTGRGLYL SDIPIHNALR DVVLIGEQR A QDGLKKRLG KLKATLEQAH QALEEEKKKT VDLLCSIFPC EVAQQLWQQG VVQAKKFSNV TMLFSDIVGF TAICSQCSPL QVITMLNALY TRFDQQCGEL DVYKVETIGD AYC VAGGLHK ESDTHAVQIA LMALKMMELS DEVMSPHGEP IKMRIGLHSG SVFAGVVGVK MPRYCLFGNN VTLANKFESC SVPRKINVSP TTYRLLKDCP GFVFTPRSRE ELPPNFPSEI PGICHFLDAY QQGTNSKPCF QKKDVEDGNA NFLGKASGID
Source	Yeast
Target Names	GUCY1A1
Protein Names	Recommended name: Guanylate cyclase soluble subunit alpha-3 Short name= GCS-alpha-3 EC= 4.6.1.2 Alternative name(s): GCS-alpha-1 Soluble guanylate cyclase large subunit
Expression Region	1-690
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

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