



Recombinant Mouse Guanylate cyclase soluble subunit alpha-3 (Gucy1a3)

Product Code	CSB-EP861695MO
Abbreviation	Gucy1a3
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.	Q9ERL9
Product Type	Recombinant Protein
Immunogen Species	Mus musculus (Mouse)
Purity	>85% (SDS-PAGE)
Sequence	MFCRKFKDLK ITGECPFSLI APGQVPKEPT EEVAGGSEGC QATLPICQYF PEKNAEGSLP QRKTSRNRVY LHTLAESICK LIFPECERLN LALQRTLAKH KIEENRKSSE KEDLEKIIAE EAIAAGAPVE ALKDSLGEEL FKICYEEDH ILGVVGGTLK DFLNSFSTLL KQSSHCEAE RRGRLDASI LCLDKDQDFL NVYYFFPKRT TALLLPGLIK AAARILYESH VEVSLMPPCF RSDCTEFVNO PYLLYSVHVK STKPSLSPGK PQSSLVIPAS LFCKTFPFHF MLDRDLAILQ LGNGIRRLVN KRDFQGKPNF EEFTEILTPK INQTFSGIMT MLNMQFVIRV RRWDNSVKKS SRVMDLKGQM IYIVESSAIL FLGSPCVDRL EDFTGRGLYL SDIPIHNALR DVVLIGEQR A QDGLKKRLG KLKATLEHAH QALEEEKKRT VDLLCSIFPS EVAQQLWQGQ IVQAKKFSEV TMLFSDIVGF TAICSQCSPL QVITMLNALY TRFDQQCGEL DVYKVETIGD AYC VAGGLHR ESDTHAVQIA LMALKMMELS NEVMSPHGEP IKMRIGLHSG SVFAGVGVK MPRYCLFGNN VTLANKFESC SVPRKINVSP TTYRLLKDCP GFVFTPRSRE ELPPNFPSDI PGICHFLDAY HHQGPNSKPW FQDKDVEDGN ANFLGKASGI D
Source	E.coli
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	1-691
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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