



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

<b>Product Code</b>	CSB-EP861695MO-B
<b>Abbreviation</b>	Gucy1a3
<b>Storage</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.
<b>Uniprot No.</b>	Q9ERL9
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Mus musculus (Mouse)
<b>Purity</b>	>85% (SDS-PAGE)
<b>Sequence</b>	MFCRKFKDLK ITGECPFSLI APGQVPKEPT EEVAGGSEGC QATLPICQYF PEKNAEGSLP QRKTSRNRVY LHTLAESICK LIFPECERLN LALQRTLAKH KIEENRKSSE KEDLEKIIAE EAIAGAPVE 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
<b>Source</b>	E.coli
<b>Target Names</b>	Gucy1a1
<b>Protein Names</b>	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
<b>Expression Region</b>	1-691
<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.

---

### 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.