

Recombinant Guinea pig GUCY2C protein

Cat. No. GUCY2C-4818G **Lot. No.** (See product label)

SPECIFICATION

Product Overview Recombinant Guinea pig GUCY2C protein(P69735) was expressed in Baculovirus.

Species Guinea pig

Source Baculovirus

Form Tris/PBS-based buffer, 6% Trehalose.

AASequence

AADSEPESE VGCPLTPLPP VSAIRFTYV LQDWQQYFWP QQPPDIDALV
 GGEVGGLEFG KLPFGACEDP ISELHLATTW PHLTEGIIVD NDVYSDLDPV
 QAPHWSVRVR KADNPQCLLG DVFTEFLKIC RRKESTDEIL GRSTFEEEGR
 VADITHALSK LTEPAPVPIH KLSVSNMVHT AKKKIRKHRG EESPLNNDVL
 NTILLFLFPD AASEKPLDGT TSVDNSNPAA EAGDYTLYNQ FKSAPSDSLT
 YKLALCLCMI NFYHGGLKGV AHLWQEFVLE MRFRWENNFL IPGLASGPPD
 LRCCLLHQKL QMLNCCIERK KARDEGKKTS PSDSMTKAYP ADAGKAGGQL
 GLDHRLRDEK EKGEAGKSWD SWSDSEEEFF ECLSDAEDLR GNGQESTKKG
 GPKDMAPLKP EGRLHQHGKL TLLRNGEPLY IPVTQEPAPM TEDLLEEQSE
 VLAKLGTSAE GAHLRARMQS ACLSDMESF KAAPGCCLE DFVRWYSPRD
 YIEEEVTDEK GNVVLKGELS ARMKIPSNMW VEAWEAKPV PARRQRLFD
 DTREAEKVLH YLAMQKPADL ARHLLPCVIH AAVLKVKEEE SLENIPSVKK
 IIKQIIAHSS KVLRFPSPED KKLEEIILQI TTVEAIIARA RSLKAKFGTE KCEHEEEKED
 LERFVSCLE QPEVAVTGAG RGHAGRIIHK LFNQAQRAAA VALPEEELKR
 SGCPEERRQT LVSDFPFPAG RELILRATVP RPAPYSKALP QRMYSVLTKE
 DFRLAGAFSS DTSFF

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Purity	>85% (SDS-PAGE)
Storage	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.
Reconstitution	Please reconstitute protein indeionized sterile water to a concentration of 0.1-1.0 mg/mL. Aliquot for long-term storage at -80°C.

GENE INFORMATION

Gene Name	Gucy2c guanylate cyclase 2c [<i>Cavia porcellus</i>]
Official Symbol	GUCY2C
Synonyms	GUCY2C; guanylate cyclase 2c; heat-stable enterotoxin receptor; GC-C; STA receptor; guanylyl cyclase C; intestinal guanylate cyclase; GUC2C;
Gene ID	100135536
mRNA Refseq	NM_001172959
Protein Refseq	NP_001166430

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