

Recombinant Guinea pig GUCY2C protein, Avi-tagged, Biotinylated

Cat. No. GUCY2C-4817G **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Biotinylated Recombinant Guinea pig GUCY2C protein(P69735), fused with Avi tag, was expressed in E.coli.
Species	Guinea pig
Source	E.coli
Conjugation/Label	Biotin
Form	Tris/PBS-based buffer, 6% Trehalose.
AASequence	AADSEPESE VGCPLTPLPP VSAIRFTYV LQDWQQYFWP QQPPDIDALV GGEVGGLEFG KLPFGACEDP ISELHLATTW PHLTEGIIVD NDVYSDLDPV QAPHWSVRVR KADNPQCLLG DFVTEFLKIC RRKESTDEIL GRSTFEEEGR VADITHALSK LTEPAPVPIH KLSVSNMVHT AKKKIRKHRG EESPLNNDVL NTILLFLFPD AASEKPLDGT TSVDNSNPAA EAGDYTLYNQ FKSAPSDSLT YKLALCLCMI NFYHGGLKGV AHLWQEFVLE MRFRWENNFL IPGLASGPPD LRCCLLHQKL QMLNCCIERK KARDEGKKTS PSDSMTKAYP ADAGKAGGQL GLDHLRDTEK EKGEAGKSWD SWSDSEEEFF ECLSDAEDLR GNGQESTKKG GPKDMAPLKP EGRLHQHGKL TLLRNGEPLY IPVTQEPAPM TEDLLEEQSE VLAKLGTS AE GAHLRARMQS ACLSDMESF KAAPGCCLE DFVRWYSPRD YIEEEVTDEK GNVVLKGELS ARMKIPSNMW VEAWETAKPV PARRQRRFLD DTREAEKVLH YLAMQKPADL ARHLLPCVIH AAVLKVKEEE SLENIPSVKK

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IIKQIIAHSS KVLRFPSPED KKLEEIILQI TTVEAIIARA RSLKAKFGTE KCEHEEEKED
 LERFVSCLE QPEVAVTGAG RGHAGRIHK LFNQAQRAAA VALPEEELKR
 SGCPEERRQT LVSDFPFPAG RELILRATVP RPAPYSKALP QRMYSVLTKE
 DFRLAGAFSS DTSFF

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.

Conjugation Biotin

GENE INFORMATION

Gene Name Gucy2c guanylate cyclase 2c [*Cavia porcellus*]

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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