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 VSIAIRFTYV 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 VLAKLGTSAE GAHLRARMQS ACLLSDMESF KAANPGCCLE DFVRWYSPRD YIEEEVTDEK GNVVLKGELS ARMKIPSNMW VEAWETAKPV PARRQRRLFD DTREAEKVLH YLAMQKPADL ARHLLPCVIH AAVLKVKEEE SLENIPSVKK

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	IIKQIIAHSS KVLRFPSPED KKLEEIILQI TTVEAIIARA RSLKAKFGTE KCEHEEEKED LERFVSCLLE QPEVAVTGAG RGHAGRIIHK LFVNAQRAAA VALPEEELKR SGCPEERRQT LVSDFPPPAG 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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