

# 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  
 VLAKLGTSAE GAHLRARMQS ACLSDMESF KAAPGCCLE DFVRWYSPRD  
 YIEEEVTDEK GNVVLKGELS ARMKIPSNMW VEAWETAKPV PARRQRLFD  
 DTREAEKVLH YLAMQKPADL ARHLLPCVIH AAVLKVKEEE SLENIPSVKK

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IIKQIIAHSS KVLRFPSPED KKLEEIILQI TTVEAIIARA RSLKAKFGTE KCEHEEEKED  
LERFVSCLE QPEVAVTGAG RGHAGRIIHK LFNVAQRAAA VALPEEELKR  
SGCPEERRQT LVSDFPFPPAG 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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