



Recombinant *Oryzias latipes* Guanine nucleotide-binding protein G (i) subunit alpha-1

Product Code	CSB-EP308566OFH-B
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	P87383
Product Type	Recombinant Protein
Immunogen Species	<i>Oryzias latipes</i> (Japanese rice fish) (Japanese killifish)
Purity	≥85% (SDS-PAGE)
Sequence	GCTLSTDDK AAQERSKMID RNLRDDGEKA AREVKLLLLG AGESGKSTIV KQMKIIHEAG YSEEECKQYK AVVYSNTIQS IIAIRAMGR LKIDFADQAR ADDARQLFIL AGSTEEGFMT GELAGVIQRL WKDGGVQACF SRSREYQLND SAAYYLNDLD RISHASYVPT QQDVLTRVK TTGIVETHFT FKDLHFKMFD VGGQRSERKK WIHCFEGVTA IIFCVALS DY DLVLAEDEEM NGMHESMKLF DSICNNKWFT DTSIILFLNK KDLFEEKIKK SLLTICFPEY AGSNTYEEAA AYVQCQFEDL NKRKDTKEIY THFTCATDTK NVQFVDAVT DVIKNNLKD CGLF
Source	E.coli
Target Names	gnai1
Protein Names	Recommended name: Guanine nucleotide-binding protein G(i) subunit alpha-1 Alternative name(s): Adenylate cyclase-inhibiting G alpha protein Gi alpha a Gi1 subunit alpha
Expression Region	2-354
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	Tag type will be determined during the manufacturing process.
Protein Length	Full Length of Mature Protein
Reconstitution	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.