



Recombinant *Oryzias latipes* Guanine nucleotide-binding protein G (i) subunit alpha-2

Product Code	CSB-YP515533OFH
Storage	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.
Uniprot No.	O13055
Product Type	Recombinant Protein
Immunogen Species	<i>Oryzias latipes</i> (Japanese rice fish) (Japanese killifish)
Purity	>85% (SDS-PAGE)
Sequence	GCTVSQEDK AADRSKMID KNLREDGEKA AREVKLLLLG AGESGKSTIV KQMKIIHEDG YSEDECKQYR AVVYSNTVQS IMAIKAMTI LHLDYERPER EEDAKRLFKM AAEEAERGD L PEELANIID LWADSGIQHC LTRAREYQLN DSAAAYLKDL ERISKPDYIP TQQDVLTRV KTTGIVETHF TFKDLHFKMF DVGGQRSEK KWIHC FEGVT AIFCVAMSA YDLVLADEE MNRMHESMKL FDSICNNKWF TETSILFLN KKDLFEQKIA HSPLTICFPE YEGPNTYQEA QAYIQTKFED LNKKKETKEI YTHFTCATDT KNVQVFDAV TDVIKNNLK DCGLF
Source	Yeast
Target Names	gnai2
Protein Names	Recommended name: Guanine nucleotide-binding protein G(i) subunit alpha-2 Alternative name(s): Adenylate cyclase-inhibiting G alpha protein Gi alpha c Gi2 subunit alpha
Expression Region	2-355
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.