



# Recombinant *Macaca fascicularis* Guanine nucleotide-binding protein G (i) subunit alpha-2 (GNAI2)

<b>Product Code</b>	CSB-YP680998MOV
<b>Abbreviation</b>	GNAI2
<b>Storage</b>	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.
<b>Uniprot No.</b>	Q4R592
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	<i>Macaca fascicularis</i> (Crab-eating macaque) ( <i>Cynomolgus</i> monkey)
<b>Purity</b>	>85% (SDS-PAGE)
<b>Sequence</b>	GCTVSAEDK AAAERSKMID KNLREDGEKA AREVKLLLLG AGESGKSTIV KQMKIIHEDG YSEEKCRQYR AVVYSNTIQS IMAIVKAMGN LQIDFADPSR ADDARQLFAL SCTAEEQGV L PDDL S G V I R R L W A D H G V Q A C F G R S R E Y Q L N D S A A Y Y L N D L E R I A Q S D Y I P T Q Q D V L R T R V K T T G I V E T H F T F K D L H F K M F D V G G Q R S E R K K W I H C F E G V T A I I F C V A L S A Y D L V L A E D E E M N R M H E S M K L F D S I C N N K W F T D T S I I L F L N K K D L F E E K I T H S P L T I C F P E Y T G A N K Y D E A A S Y I Q S K F E D L N K R K D T K E I Y T H F T C A T D T K N V Q F V F D A V T D V I I K N N L K D C G L F
<b>Source</b>	Yeast
<b>Target Names</b>	GNAI2
<b>Protein Names</b>	Recommended name: Guanine nucleotide-binding protein G(i) subunit alpha-2 Alternative name(s): Adenylate cyclase-inhibiting G alpha protein
<b>Expression Region</b>	2-355
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
<b>Tag Info</b>	Tag type will be determined during the manufacturing process.
<b>Protein Length</b>	Full Length of Mature Protein
<b>Reconstitution</b>	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.
<b>Shelf Life</b>	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.