Recombinant Rat Guanine nucleotide-binding protein G (i) subunit alpha-1 (Gnai1)

Product Code	CSB-EP009588RA
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	P10824
Product Type	Recombinant Protein
Immunogen Species	Rattus norvegicus (Rat)
Purity	>85% (SDS-PAGE)
Sequence	GCTLSAEDK AAVERSKMID RNLREDGEKA AREVKLLLLG AGESGKSTIV KQMKIIHEAG YSEEECKQYK AVVYSNTIQS IIAIIRAMGR LKIDFGDAAR ADDARQLFVL AGAAEEGFMT AELAGVIKRL WKDSGVQACF NRSREYQLND SAAYYLNDLD RIAQPNYIPT QQDVLRTRVK TTGIVETHFT FKDLHFKMFD VGGQRSERKK WIHCFEGVTA IIFCVALSDY DLVLAEDEEM NRMHESMKLF DSICNNKWFT DTSIILFLNK KDLFEEKIKK SPLTICYPEY AGSNTYEEAA AYIQCQFEDL NKRKDTKEIY THFTCATDTK NVQFVFDAVT DVIIKNNLKD 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
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.