



# Recombinant *Xenopus laevis* Guanine nucleotide-binding protein G (i) subunit alpha-1

<b>Product Code</b>	CSB-MP333220XBE
<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>	P27044
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	<i>Xenopus laevis</i> (African clawed frog)
<b>Purity</b>	>85% (SDS-PAGE)
<b>Sequence</b>	GCTLSAEDK AAVERSKMID RNLREDGEKA AREVKLLLLG AGESGKSTIV KQMKIIHEAG YSEEECKQYK AVVYSNTIQS IIAIRAMGR LKIDFGDPSR ADDARQLFVL AGAAEEGFMT AELAGVIKRL WKDGGVQACF NRSREYQLND SAAYYLNDLD RIAQNSYIPT QQDVLTRVK TTGIVETHFT FKDLHFKMFD VGGQRSERKK WIHCFEGVTA IIFCVALS DY DLVLAEDEEM NRMHESMKLF DSICNNKWFT DTSIILFLNK KDLFEEKIKR SPLTICYPEY PGSNTYEEAA AYIQCQFEDL NKRKDTKEY THFTCATDTK NVQFVFDAVT DVIKNNLKD CGLF
<b>Source</b>	Mammalian cell
<b>Target Names</b>	gnai1
<b>Protein Names</b>	Recommended name: Guanine nucleotide-binding protein G(i) subunit alpha-1 Alternative name(s): Adenylate cyclase-inhibiting G alpha protein
<b>Expression Region</b>	2-354
<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.