



Recombinant *Xenopus laevis* Guanine nucleotide-binding protein G (k) subunit alpha

Product Code	CSB-EP328675XBE-B
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.	P27045
Product Type	Recombinant Protein
Immunogen Species	<i>Xenopus laevis</i> (African clawed frog)
Purity	>85% (SDS-PAGE)
Sequence	REAAERSKMI DRNLREDGEK ASKEVKLLLL GAGESGKSTI VKQMKIIHED GYSEEECRQY KVVVYSNTIQ SIIAIRAMG RLRIDFGDVA RADDARQLFV LASSAEEGVM SPELAGVIQR LWEDSGVQAC FSRsREYQLN DSASYLSDI ERIAQGSYIP TQQDVLRTV KTTGIVETHF TFKDLYFKMF DVGGQRSERK KWIHCfEGVT AIIFCVAlSD YDLLLAEDDEE MNRMHESMKL FDSICNNKWF IDTSIILFLN KKDLFEEKIS RSPLTICYPE YSGSNTYEEA AAYIQCQFED LNRKDTKEI YTHFTCATDT KNVQFVFDV TDVIKSNLM ECGLY
Source	E.coli
Target Names	gnai3
Protein Names	Recommended name: Guanine nucleotide-binding protein G(k) subunit alpha Alternative name(s): G(i) alpha-3
Expression Region	1-345
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 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.