



Recombinant Human Guanine nucleotide-binding protein G (z) subunit alpha (GNAZ)

Product Code	CSB-MP009601HU
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	P19086
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	>85% (SDS-PAGE)
Sequence	GCRQSSEEK EAARRSRRID RHLRSESQRQ RREIKLLLLG TSNSGKSTIV KQMKIIHSGG FNLEACKKEYK PLIYNAIDS LTRIIRALAA LRIDFHNPD AYDAVQLFAL TGPAESKGEI TPELLGVMRR LWADPGAQAC FSRSSSEYHLE DNAAYYLNDL ERIAADYIP TVEDILRSRD MTTGIVENKF TFKELTFKMV DVGGQRSEK KWIHC FEGVT AIFCVELSG YDLKLYEDNQ TSRMAESLRL FDSICNNWF INTSLILFLN KKDLLAEKIR RIPLTICFPE YKGQNTYEEA AVYIQRQFED LNRNKETKEI YSHFTCATDT SNIQFVFDV TDVIIQNNLK YIGLC
Source	Mammalian cell
Target Names	GNAZ
Protein Names	Recommended name: Guanine nucleotide-binding protein G(z) subunit alpha Alternative name(s): G(x) alpha chain Gz-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
Target Details	This protein is a member of a G protein subfamily that mediates signal transduction in pertussis toxin-insensitive systems. This encoded protein may play a role in maintaining the ionic balance of perilymphatic and endolymphatic cochlear fluids.
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.