



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

<b>Product Code</b>	CSB-EP009601HU-B
<b>Storage</b>	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
<b>Uniprot No.</b>	P19086
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Homo sapiens (Human)
<b>Purity</b>	>85% (SDS-PAGE)
<b>Sequence</b>	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 SNIQFVFDVAV TDVIIQNNLK YIGLC
<b>Source</b>	E.coli
<b>Target Names</b>	GNAZ
<b>Protein Names</b>	Recommended name: Guanine nucleotide-binding protein G(z) subunit alpha Alternative name(s): G(x) alpha chain Gz-alpha
<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>Target Details</b>	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.
<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.