

Product datasheet for **AR50551PU-N**

G protein z alpha (1-355, His-tag) Human Protein

Product data:

Product Type:	Recombinant Proteins
Description:	G protein z alpha (1-355, His-tag) human recombinant protein, 0.5 mg
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	MGSSHHHHHH SSGLVPRGSH MGCRQSSEK EAARRSRRID RHLRSESQRQ RREIKLLLLG TSNSGKSTIV QMKIIHSGG FNLEACKKEYK PLIIYNAIDS LTRIIRALAA LRIDFHNPDY AYDAVQLFAL TGPAESKGEI TPELLGVMRR LWADPGAQAC FSRSEYHLE DNAAYLNDL ERIAAADYIP TVEDILRSRD MTTGIVENKF TFKELTFKMV DVGGQRSEK KWIHCFEVGT AIIFCVELSG YDLKLYEDNQ TSRMAESLRL FDSICNNWF INTSLILFLN KKDLLAEKIR RIPLTICFPE YKGQNTYEEA AVYIQRQFED LNRNKETKEI YSHFTCATDT SNIQVFDAV TDVIIQNNLK YIGLC
Tag:	His-tag
Predicted MW:	43.0 kDa
Concentration:	lot specific
Purity:	>90% by SDS - PAGE
Buffer:	Presentation State: This purified protein is available in a denatured form, making it less suitable for functional studies. Denatured proteins are better suited for applications like Western Blot (WB) or imaging assays. State: Liquid purified protein Buffer System: 20 mM Tris-HCl buffer (pH 8.0) containing 0.4M urea, 10% glycerol
Preparation:	Liquid purified protein
Protein Description:	Recombinant human GNAZ protein, fused to His-tag at N-terminus, was expressed in E.coli.
Storage:	Store undiluted at 2-8°C for one week or (in aliquots) at -20°C to -80°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
RefSeq:	NP_002064
Locus ID:	2781
UniProt ID:	P19086
Cytogenetics:	22q11.22-q11.23



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Synonyms: G(x) alpha chain, Gz-alpha, GNAZ

Summary: The protein encoded by this gene 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. [provided by RefSeq, Jul 2008]

Protein Families: Druggable Genome

Protein Pathways: Long-term depression

Product images:

