

Product datasheet for **AR51821PU-S**

G protein gamma 12 (1-69, His-tag) Human Protein

Product data:

Product Type:	Recombinant Proteins
Description:	G protein gamma 12 (1-69, His-tag) human protein, 0.1 mg
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	MGSSHHHHHH SSGLVPRGSH MGSMSSKTAS TNNIAQARRT VQQLRLEASI ERIKVKASA DLMSYCEEHA RSDPLLIGIP TSENPFKDKK TC
Tag:	His-tag
Predicted MW:	10.1 kDa
Concentration:	lot specific
Purity:	>85% 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 10% glycerol.
Preparation:	Liquid purified protein
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_061329
Locus ID:	55970
UniProt ID:	Q9UBI6
Cytogenetics:	1p31.3
Synonyms:	GNG12
Summary:	Guanine nucleotide-binding proteins (G proteins) are involved as a modulator or transducer in various transmembrane signaling systems. The beta and gamma chains are required for the GTPase activity, for replacement of GDP by GTP, and for G protein-effector interaction. [UniProtKB/Swiss-Prot Function]



[View online »](#)

Protein Families: Druggable Genome

Protein Pathways: Chemokine signaling pathway, MAPK signaling pathway, Regulation of actin cytoskeleton

Product images:

