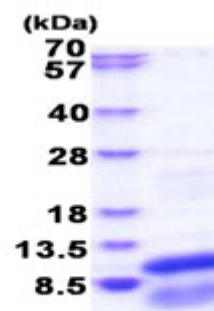


AR51608PU-N**Human GNG13 (1-64, His-tag) - Purified**

Alternate names:	G(gamma)13, Guanine nucleotide binding protein (G protein), gamma 13, h2-35
Quantity:	0.1 mg
Concentration:	0.25 mg/ml (determined by Bradford assay)
Background:	Heterotrimeric G proteins, which consist of alpha, beta, and gamma subunits, function as signal transducers for the 7-transmembrane-helix G protein-coupled receptors. GNG13 is a gamma subunit that is expressed in taste, retinal, and neuronal tissues and plays a key role in taste transduction
Uniprot ID:	Q9P2W3
NCBI:	NP_057625
GeneID:	51764
Species:	Human
Source:	E. coli
Format:	State: Liquid purified protein Purity: >80% by SDS - PAGE Buffer System: 20 mM Tris-HCl buffer (pH 8.0) containing 0.2M NaCl, 40% glycerol, 2mM DTT, 0.1mM PMSF
Description:	Recombinant human GNG13 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques. AA Sequence: MGSSHHHHHH SGLVPRGSH MGSMEWDVP QMKKEVESLK YQLAFQREMA SKTIPELLKW IEDGIPKDPF LNPDLMKNNP WVEKGKC Molecular weight: 10.0 kDa (87aa) confirmed by MALDI-TOF
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. Shelf life: one year from despatch.
General Readings:	Huang L., et al. (1999) Nat. Neurosci. 2:1055-1062 Martin J., et al. (2004) Nature. 432:988-994

Pictures:

15% SDS-PAGE (3µg)