

## OriGene Technologies, Inc.

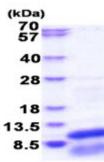
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## AR51608PU-S Human GNG13 (1-64, His-tag) - Purified

Alternate names:	G(gamma)13, Guanine nucleotide binding protein (G protein), gamma 13, h2-35
Quantity:	20 μg
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:	<u>Q9P2W3</u>
NCBI:	<u>NP_057625</u>
GenelD:	<u>51764</u>
Species:	Human
Source:	E. coli
Format:	<b>State:</b> Liquid purified protein <b>Purity:</b> >80% by SDS - PAGE <b>Buffer System:</b> 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 SSGLVPRGSH MGSMEEWDVP 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:	(kDa) 70



15% SDS-PAGE (3ug)

MP/20131128

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For research and in vitro use only. Not for diagnostic or therapeutic work. Material Safety Datasheets are available at www.acris-antibodies.com or on request.