

AR51353PU-N

Human GNG11 (1-70, His-tag) - Purified

Alternate names:	G protein gamma-11, GNGT11, Guanine nucleotide-binding protein G(l)/G(s)/G(o) subunit gamma-11
Quantity:	0.5 mg
Concentration:	1.0 mg/ml (determined by Bradford assay)
Background:	GNG11 is a member of the guanine nucleotide-binding protein (G protein) gamma family and encodes a lipid-anchored, cell membrane protein. As a member of the heterotrimeric G protein complex, this protein plays a role in this transmembrane signaling system. This protein is also subject to carboxyl-terminal processing. Decreased expression of this gene is associated with splenic marginal zone lymphomas.
Uniprot ID:	P61952
NCBI:	NP_004117
GeneID:	2791
Species:	Human
Source:	E. coli
Format:	State: Liquid purified protein Purity: >90% by SDS - PAGE Buffer System: 20 mM Tris-HCl buffer (pH 8.0) containing 0.15M NaCl, 10% glycerol, 1mM DTT
Description:	Recombinant human GNG11 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques. AA Sequence: MGSSHHHHH SSGLVPRGSH MGSMPLHIE DLPEKEKLKM EVEQLRKEVK LQRQQVSKCS EEIKNYIEER SGEDPLVKGI PEDKNPFKEK GSC Molecular weight: 10.6 kDa (93aa) 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:	Ray K., et al. (1995) J. Biol. Chem. 270:21765-21771 Hillier L.W., et al. (2003) Nature. 424:157-164

Pictures:

