

Product information



GNGT1, 1-71aa

Human, His-tagged, Recombinant, *E.coli*

Cat. No. IBATGP2815

Full name: Guanine nucleotide-binding protein G(T) subunit gamma-T1

NCBI Accession No.: NP_068774

Synonyms: GNG1

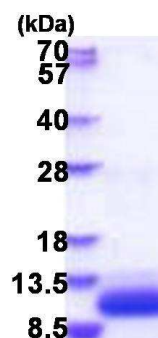
Description: GNGT1, also known as guanine nucleotide-binding protein G(T) subunit gamma-T1, belongs to the G protein gamma family. This protein is involved as a modulator or transducer in various transmembrane signaling systems. It is required for the GTPase activity, for replacement of GDP by GTP, and for G protein- effector interaction. Recombinant human GNGT1 protein, fused to His-tag at N-terminus, was expressed in *E.coli* and purified by using conventional chromatography.

Form: Liquid. 20mM Tris-HCl buffer (pH8.0) containing 10% glycerol
0.1M NaCl, 1mM EDTA

Molecular Weight: 10.6 kDa(94aa) confirmed by MALDI-TOF

Purity: > 95% by SDS - PAGE

Concentration: 1 mg/ml (determined by Bradford assay)



15% SDS-PAGE (3ug)

Sequences of amino acids:

MGSSHHHHHH SSGLVPRGSH MGSMPVINIE DLTEKDKLKM EVDQLKKEVT LERMLVSKCC EEVRDYVEER SGEDPLVKG I PEDKNPFKEL
KGGC

General references:

Scherer SW. *et al.* (1996) *Genomics*. 35:241–243

Simonds WF. *et al.* (1991) *J Biol Chem*. 266:5363–5366.

Storage: Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C.
Avoid repeated freezing and thawing cycles.

For research use only. This product is not intended or approved for human, diagnostics or veterinary use.



Manufactured for:

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