

## Product datasheet for **TP310455**

### GNG10 (NM\_001017998) Human Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human guanine nucleotide binding protein (G protein), gamma 10 (GNG10), 20 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC210455 protein sequence <b>Red</b> =Cloning site <b>Green</b> =Tags(s)
	MSSGASASALQRLVEQLKLEAGVERIKVSQAAAELQQYCMQNACKDALLVGVPAAGSNPFREPRSCALL
	<b>TR</b> TRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-Myc/DDK
Predicted MW:	7 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	<a href="#">NP_001017998</a>
Locus ID:	2790
UniProt ID:	<a href="#">P50151</a> , <a href="#">A0A024R156</a>
RefSeq Size:	1269
Cytogenetics:	9q31.3



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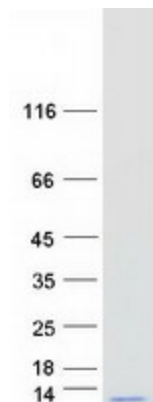
RefSeq ORF: 204

**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. Interacts with beta-1 and beta-2, but not with beta-3.[UniProtKB/Swiss-Prot Function]

**Protein Families:** Druggable Genome

**Protein Pathways:** Chemokine signaling pathway

### Product images:



Coomassie blue staining of purified GNG10 protein (Cat# TP310455). The protein was produced from HEK293T cells transfected with GNG10 cDNA clone (Cat# [RC210455]) using MegaTran 2.0 (Cat# [TT210002]).