

# **Product datasheet for TP312301M**

## OriGene Technologies, Inc.

9620 Medical Center Drive, Ste 200 Rockville, MD 20850, US Phone: +1-888-267-4436 https://www.origene.com techsupport@origene.com EU: info-de@origene.com CN: techsupport@origene.cn

### GNG8 (NM\_033258) Human Recombinant Protein

**Product data:** 

**Product Type:** Recombinant Proteins

**Description:** Recombinant protein of human guanine nucleotide binding protein (G protein), gamma 8

(GNG8), 100 µg

Species: Human
Expression Host: HEK293T

**Expression cDNA Clone** >RC212301 protein sequence or AA Sequence: Red=Cloning site Green=Tags(s)

MSNNMAKIAEARKTVEQLKLEVNIDRMKVSQAAAELLAFCETHAKDDPLVTPVPAAENPFRDKRLFCVLL

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag: C-Myc/DDK

**Predicted MW:** 7.7 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:** NP 150283

 Locus ID:
 94235

 UniProt ID:
 Q9UK08

RefSeq Size: 213

Cytogenetics: 19q13.32





#### GNG8 (NM\_033258) Human Recombinant Protein - TP312301M

RefSeq ORF: 212

**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

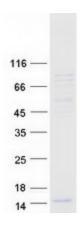
 $\label{eq:GTP} \textit{GTPase activity, for replacement of GDP by GTP, and for G protein-effector interaction.}$ 

[UniProtKB/Swiss-Prot Function]

**Protein Families:** Druggable Genome

**Protein Pathways:** Chemokine signaling pathway

## **Product images:**



Coomassie blue staining of purified GNG8 protein (Cat# [TP312301]). The protein was produced from HEK293T cells transfected with GNG8 cDNA clone (Cat# [RC212301]) using MegaTran 2.0 (Cat# [TT210002]).