

# Recombinant Full Length Human GNA13 Protein, GST-tagged

Cat. No. GNA13-616HF Lot. No. (See product label)

## SPECIFICATION

<b>Product Overview</b>	Recombinant full length Human GNA13(1 a.a. - 377 a.a.) fused with GST tag at N-terminal was expressed in Wheat Germ.
<b>Species</b>	Human
<b>Source</b>	In Vitro Cell Free System
<b>ProteinLength</b>	377 amino acids
<b>Description</b>	GTPase activity. Predicted to be involved in several processes, including Rho protein signal transduction; activation of phospholipase D activity; and multicellular organism aging. Predicted to act upstream of or within several processes, including branching involved in blood vessel morphogenesis; negative regulation of vascular associated smooth muscle cell migration; and negative regulation of vascular associated smooth muscle cell proliferation. Located in cytosol and nucleus.
<b>Form</b>	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
<b>Molecular Mass</b>	67.21 kDa
<b>AA Sequence</b>	MADFLPSRSV LSVCFPGCLL TSGEAEQQRK SKEIDKCLSR EKTYVKRLVK ILLGAGESG KSTFLKQMRI IHGQDFDQRA REEFRPTIYS NVIKGMRVLV DAREKLHIPW GDNSNQQHGD KMMSFDTRAP MAAQGMVETR VFLQYLP PAIR ALWADSGIQN AYDRRREFQL GESVKYFLDN LDKLGEPDYI PSQQDILLAR RPTKGIHEYD FEIKNVPFKM VDVGGQRSER KRWFECDSDV TSILFLVSSS

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EFDQVLMEDR LTNRLTESLN IFETIVNNRV FSNVSIILFL NKTDLLEEKV  
 QIVSIKDYFL EFEGDPHCLR DVQKFLVECF RNKRRDQQQK PLYHHFTTAI  
 NTENIRLVFR DVKDTILHDN LKQLMLQ

**Applications**

Enzyme-linked Immunoabsorbent Assay; Western Blot (Recombinant protein);  
 Antibody Production; Protein Array

**Storage**

Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.

## GENE INFORMATION

**Gene Name**

[GNA13 guanine nucleotide binding protein \(G protein\), alpha 13 \[ Homo sapiens \]](#)

**Official Symbol**

[GNA13](#)

**Synonyms**

GNA13; guanine nucleotide binding protein (G protein), alpha 13; guanine nucleotide-binding protein subunit alpha-13; G13; MGC46138; g alpha-13; G-protein subunit alpha-13

**Gene ID**

[10672](#)

**mRNA Refseq**

[NM\\_006572](#)

**Protein Refseq**

[NP\\_006563](#)

**MIM**

[604406](#)

**UniProt ID**

[Q14344](#)

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