

Recombinant Full Length Human GNA13 Protein, GST-tagged

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

SPECIFICATION

Product Overview	Recombinant full length Human GNA13(1 a.a. - 377 a.a.) fused with GST tag at N-terminal was expressed in Wheat Germ.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	377 amino acids
Description	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.
Form	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Molecular Mass	67.21 kDa
AA Sequence	MADFLPSRSV LSVCFPGCLL TSGEAEQQRK SKEIDKCLSR EKTYVKRLVK ILLGAGESG KSTFLKQMRI IHGQDFDQRA REEFRPTIYS NVIKGMRLV DAREKLHIPW GDNSNQHGHD KMMSFDTRAP MAAQGMVETR VFLQYLPAIR ALWADSGIQN AYDRRREFQL GESVKYFLDN LDKLGEPDYI PSQQDILLAR RPTKGIHEYD FEIKNVPFKM VDVGGQQRSER KRWFECFDSV TSILFLVSSS

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EFDQVLMEGR 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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