

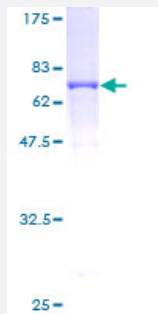
Full-Length

GNA13 (Human) Recombinant Protein (P01)

Catalog # H00010672-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description

Human GNA13 full-length ORF (AAH36756, 1 a.a. - 377 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

MADFLPSRSVLSVCFPGCLLTSGEAEQQRKSKEIDKCLSREKTYVKRLVKILLGAGESGKSTFL
KQMRIHGQDFDQRAREEFRPTYSNVIKGMRVLVDAREKLHIPWGDNSNQHGDKMMSFDTRAP
MAAQGMVETRVFLQYLPAIRALWADSGIQNAYDRRREFQLGESVKYFLDNLDKLGEPDYPSQQDI
LLARRPTKGIHEYDFEIKNVPFKMVDVGGQRSEKRWFECDSVTSILFLVSSSEFDQVLMEDRL
TNRLTESLNIFETIVNNRVFSNVSILFLNKTDLLEEKVQVSIKDYFLEFEGDPHCLRDVQKFLVECF
RNKRRDQQKPLYHHFTTAINTENIRLVFRDVKDTILHDNLKQLMLQ

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

67.21

Preparation Method

[in vitro wheat germ expression system](#)

Purification

Glutathione Sepharose 4 Fast Flow

Quality Control Testing

12.5% SDS-PAGE Stained with Coomassie Blue.

Storage Buffer

50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

Storage Instruction

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

Note

Best use within three months from the date of receipt of this protein.

Applications

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

Gene Info — GNA13

Entrez GeneID [10672](#)

GeneBank Accession# [BC036756](#)

Protein Accession# [AAH36756](#)

Gene Name GNA13

Gene Alias G13, MGC46138

Gene Description guanine nucleotide binding protein (G protein), alpha 13

Omim ID [604406](#)

Gene Ontology [Hyperlink](#)

Gene Summary O

Other Designations -

Pathway

- [Long-term depression](#)
- [Regulation of actin cytoskeleton](#)
- [Vascular smooth muscle contraction](#)

Disease

- [Tobacco Use Disorder](#)