

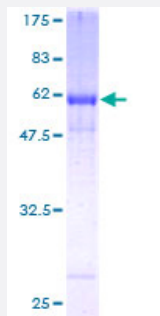
Full-Length

GNAI2 (Human) Recombinant Protein (P01)

Catalog # H00002771-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description

Human GNAI2 full-length ORF (AAH16995, 1 a.a. - 339 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

MEYAGHLPASSAQGTILACTSCTGAGESGKSTIVKQMKIIHEDGYSEEECRQYRAVVYSNTIQSIMAI
VKAMGNLQIDFADPSRADDARQLFALSCTAEEQGVLPDDLSGVIRRLWADHGVQACFGRSREY
QLNDSAAYLNDLERIAQSDYIPTQQDVLRTVKTGIVETHFTFKDLHFKMFVDVGGQRSEKRWI
HCFEGVTAIIFCVALSAYDLVLAEDEEMNRMHESMKLFDSICNNKWFDTSIILFLNKKDLFEKITH
SPLTICFPEYTGANKYDEAASYIQSKFEDLNKRKDTKEIYHFTCATDTKNVQFVFDVAVTDVLIKNNL
KDCGLF

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

62.81

Interspecies Antigen Sequence

Mouse (98); Rat (98)

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 — GNAI2

Entrez GeneID[2771](#)**GeneBank Accession#**[BC016995](#)**Protein Accession#**[AAH16995](#)**Gene Name**

GNAI2

Gene Alias

GIP, GNAI2B, H_LUCA15.1, H_LUCA16.1

Gene Description

guanine nucleotide binding protein (G protein), alpha inhibiting activity polypeptide 2

Omim ID[139360 192605](#)**Gene Ontology**[Hyperlink](#)**Gene Summary**

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Other Designations

GTP-binding regulatory protein Gi alpha-2 chain|WUGSC:H_LUCA15.1|WUGSC:H_LUCA16.1

Pathway

- [Axon guidance](#)
- [Chemokine signaling pathway](#)

- [Gap junction](#)
- [Leukocyte transendothelial migration](#)
- [Long-term depression](#)
- [Melanogenesis](#)
- [Tight junction](#)

Disease

- [Adenoma](#)
- [Cardiovascular Diseases](#)
- [Diabetes Mellitus](#)
- [Edema](#)
- [Genetic Predisposition to Disease](#)
- [Hypertension](#)
- [Insulin Resistance](#)
- [Pituitary Neoplasms](#)
- [Schizophrenia](#)