

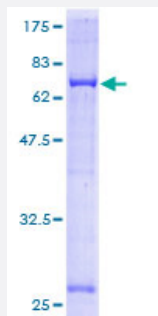
Full-Length

GNAI3 (Human) Recombinant Protein (P01)

Catalog # H00002773-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description

Human GNAI3 full-length ORF (AAH25285.1, 1 a.a. - 354 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

MGCTLSAEDKAAVERSKMIDRNLRDGEKAAKEVKLLLLGAGESGKSTVKQMKIIHEDGYSEDE
CKQYKVVVYSNTIQSIIAIRAMGRCLKIDFGEAARADDARQLFVLGSAEEGVMTPELAGVIKRLWR
DGGVQACFSRSREYQLNDSASYLNDLDRISQSNYPTQQDVLRTVRKTTGIVETHFTFKDLYFKM
FDVGGQRSEKRWIHCFEVTAIIFCVALS DYDLVLAEDEEMNRMHESMKLFDSICNNKWF TETSI
ILFLNKKDLFEKIKRSPLTICYPEYTGSN TYEEAAAYIQCQFEDLNRRKDTKEIYTHFTCATDTKNVQ
FVFDAVTDVIIKNNLKECGLY

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

64.68

Interspecies Antigen Sequence

Mouse (98); Rat (99)

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 — GNAI3

Entrez GeneID[2773](#)**GeneBank Accession#**[BC025285.1](#)**Protein Accession#**[AAH25285.1](#)**Gene Name**

GNAI3

Gene Alias

87U6, FLJ26559

Gene Description

guanine nucleotide binding protein (G protein), alpha inhibiting activity polypeptide 3

Omim ID[139370](#)**Gene Ontology**[Hyperlink](#)**Gene Summary**

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Other Designations

OTTHUMP00000013368

Pathway

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

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

Disease

- [Genetic Predisposition to Disease](#)
- [Parkinson disease](#)
- [Tobacco Use Disorder](#)