

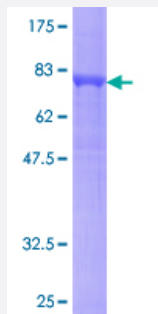
Full-Length

GNAL (Human) Recombinant Protein (P01)

Catalog # H00002774-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description

Human GNAL full-length ORF (NP_892023.1, 1 a.a. - 458 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

MGLCYSLRPLLFGGPGDDPCAASEPPVEDAQAPAPALAPVRAAARDTARTLLPRGGEGSPAC
ARPKADKPKEKRQRTEQLSAEEREAAKEREAVKEARKVSRGIDRMLRDQKRDLLQTHRLLLGA
GESGKSTVKQMRILHVNGFNPEEKKQKILDIRKNVKDAIVTIVSAMSTIIPVPLANPENQFRSDYK
SIAPITDFEYSQEFFDHVKKLWDDEGVKACFERSNEYQLIDCAQYFLERIDSVSLVDYTPDQDLL
RCRVLTSGIFETRFQVDKVNFMFDVGGQRDERRKWIQCFNDVTAIYVAACSSYNMVIREDNNTN
RLRESLDLFESIWNRLRISILFLNKQDMLAEKVLGKSKIEDYFPEYANYTPEDATPDAGED
PKVTRAKFFIRDLFLRISTATGDGKHICYPHFTCAVDTENIRRVFNDCRDIQRMHLKQYELL

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

78.9

Interspecies Antigen Sequence

Mouse (91); Rat (90)

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 — GNAL

Entrez GeneID	2774
GeneBank Accession#	NM_182978.1
Protein Accession#	NP_892023.1
Gene Name	GNAL
Gene Alias	-
Gene Description	guanine nucleotide binding protein (G protein), alpha activating activity polypeptide, olfactory type
Omim ID	139312
Gene Ontology	Hyperlink
Gene Summary	alpha activating activity polypeptide
Other Designations	guanine nucleotide binding protein (G protein), alpha stimulating activity polypeptide, olfactory type

Pathway

- [Calcium signaling pathway](#)

- [Olfactory transduction](#)

Disease

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