

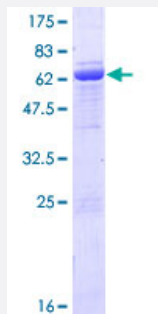
Full-Length

GNA11 (Human) Recombinant Protein (P01)

Catalog # H00002767-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description

Human GNA11 full-length ORF (NP_002058.2, 1 a.a. - 359 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

MTLESMMACCLSDEVKESKRINAEIEKQLRRDKRDARRELKLLLLGTGESGKSTFIKQMRIHGAGY
SEEDKRGFTKL VYQNIFTAMQAMIRAMETLKILYKYEQNKANALLIREVDVEKVTTFEHQYVSAIKTL
WEDPGIQECYDRRREYQLSDSAKYLLTDVDRIATLGYLPTQQDVL RVRVPTTGII EYPFDLENIIFRM
VDVGGQSRERRKWIHCFENVTSIMFLValseyDQVLVESDNENRMEEKALFRTIITYPWFQNSS
VILFLNKKDLLEDKILYSHLVDYFPEFDGPQRDAQAAREFILKMFVDLNPDSDKIYSHFTCATDTENI
RFVFAAVKDTILQLNLKEYNLV

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

68.5

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 — GNA11

Entrez GeneID	2767
GeneBank Accession#	NM_002067.2
Protein Accession#	NP_002058.2
Gene Name	GNA11
Gene Alias	GNA-11
Gene Description	guanine nucleotide binding protein (G protein), alpha 11 (Gq class)
Omim ID	139313
Gene Ontology	Hyperlink
Gene Summary	O
Other Designations	guanine nucleotide-binding protein, Gq class, GNA11

Pathway

- [Calcium signaling pathway](#)
- [Gap junction](#)
- [GnRH signaling pathway](#)

- [Long-term depression](#)
- [Vascular smooth muscle contraction](#)

Disease

- [Melanoma](#)
- [Nevus](#)
- [Uveal Neoplasms](#)