

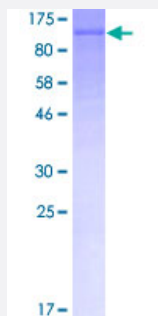
Full-Length

GAB1 (Human) Recombinant Protein (P01)

Catalog # H00002549-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description

Human GAB1 full-length ORF (NP_997006.1, 1 a.a. - 724 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

MSGGEVVC SGWLRKSPPEKKLKRYAWKRRWFVLRSGRLTGDPDVLEYYKNDHAKKPIRIIDLNL
CQQVDAGLTFNKKEFENSYIFDINTIDRIFYLVADSEEEMNKWVRCICDICGFNPTEEDPVKPPGSS
LQAPADLPLAINTAPPSTQADSSSATLPPPYQLINVPPHLETGLIQEDPQDYLLINCQSKKPEPTRT
HADSAKSTSSETDCNDNVPSHKNPASSQSKHGMNGFFQQQMIYDSPPSRAPASVDSSLYNLP
RSYSHDVLPKVSPSSTEADGELYVFNTPSGTSSVETQMRHVSISYDIPPTPGNTYQIPRTFPEGTL
GQTSKLDITPIDPPRPPKPHPAHDRSPVETCSIPRTASD TDSSYCIPTAGMSPSRSTISTVDLNLK
LRKDASSQDCYDIPRAFPSDRSSSLEGFHNHFVKVNLTVGSVSSEELDENVPMNPNSPPRQH
SSSFTEPIQEANYVPMTPGTDFSSFGMQVPPPAHMGFRSSPKTPRRRPVPVADCEPPPVDNRN
LKPDRKGQSPKILRLKPHGLERTDSQTIGDFATRRKVKPAPLEIKPLPEWEELQAPVRSPITRSFA
RDSSRFPMSPRPDSVHSTTSSSDSHDSEENVPMNPNLSSDPNLFGSNSLDGGSSPMIKPKG
DKQVEYLDLDDSGKSTPPRKQKSSGSGSSVADERVDYVVVDQKTLALKSTREAWTDGRQST
ESETPAKSVK

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

106.4

Interspecies Antigen Sequence

Mouse (86); Rat (85)

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 — GAB1

Entrez GeneID	2549
GeneBank Accession#	NM_207123.1
Protein Accession#	NP_997006.1
Gene Name	GAB1
Gene Alias	-
Gene Description	GRB2-associated binding protein 1
Omim ID	604439
Gene Ontology	Hyperlink
Gene Summary	The protein encoded by this gene is a member of the IRS1-like multisubstrate docking protein family. It is an important mediator of branching tubulogenesis and plays a central role in cellular growth response, transformation and apoptosis. Two transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq]
Other Designations	-

Pathway

- [ErbB signaling pathway](#)
- [Neurotrophin signaling pathway](#)
- [Renal cell carcinoma](#)

Disease

- [Atrophy](#)
- [Cardiovascular Diseases](#)
- [Diabetes Mellitus](#)
- [Edema](#)
- [Gastritis](#)
- [Genetic Predisposition to Disease](#)
- [Helicobacter Infections](#)
- [Metaplasia](#)
- [Narcolepsy](#)
- [Stomach Neoplasms](#)