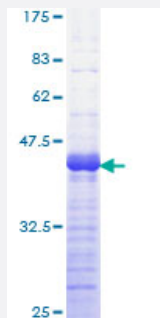


GAB1 (Human) Recombinant Protein (Q01)

Catalog # H00002549-Q01

Size 25 ug, 10 ug

Applications



Specification

Product Description	Human GAB1 partial ORF (NP_997006, 625 a.a. - 724 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	NLSSDPNLFGSNSLDGGSSPMIKPKGDKQVEYLDLDLDSGKSTPPRKQKSSGSGSSVADERV DYVVVDQKTLALKSTREAWTDGRQSTESSETPPKSVK
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	36.74
Interspecies Antigen Sequence	Mouse (94); Rat (87)
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](#)

Protein Accession# [NP_997006](#)

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](#)