

Recombinant Full Length Human GAB1 Protein, GST-tagged

Cat. No. GAB1-5128HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human GAB1 full-length ORF (NP_997006.1, 1 a.a. - 724 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	724 amino acids
Description	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]
Molecular Mass	106.4 kDa
AA Sequence	MSGGEVVCSGWLRKSPPEKKLKRYAWKRRWFVLRSGRLTGDPDVLEYYKNDHAK KPIRIIDLNLCCQVDAGLTFNKKEFENSIFYDINTIDRIFYLVADSEEMNKWVRCICDI CGFNPTEEDPVKPPGSSLQAPADLPLAINTAPPSTQADSSSATLPPPYQLINVPPHLE TLGIQEDPQDYLLINCQSKKPEPTRTHADSAKSTSSETDCNDNVPSHKNPASSQSK HGMNGFFQQMIYDSPPSRAPSASVDSSLYNLPRSYSHDVLPKVSPSSTEADGELY VFNTPSGTSSVETQMRHVSISYDIPPTPGNTYQIPRTFPEGTLGQTSKLDITIPDIPPR PPKPHPAHDRSPVETCSIPRTASD TDSSYCIPTAGMSPSRNTISTVDLNKLRKDAS SQDCYDIPRAFP SDRSSSLEGFHNHFVKVKNVLTVGSVSSEELDENVPMNPNSPPR

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QHSSSFTEPIQEANYVPMTPGTDFSSFGMQVPPPAHMGFRSSPKTPRRPVPVA
DCEPPPVDRNLKPDRKGQSPKILRLKPHGLERTDSQTIGDFATRRKVKPAPLEIKPLP
EWEELQAPVRSPITRSFARDSSRFPMSPRPDSVHSTTSSSDSHDSEENYVPMNPNL
SSEDPNLFSGNSLDGGSSPMIKPKGDKQVEYLDLDLDSGKSTPPRKQKSSGSGSSV
ADERVDYVVVDQQKTLALKSTREAWTDGRQSTESETPAKSVK

Applications

Enzyme-linked Immunoabsorbent Assay
Western Blot (Recombinant protein)
Antibody Production
Protein Array

Notes

Best use within three months from the date of receipt of this protein.

Storage

Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.

Storage Buffer

50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION

Gene Name

[GAB1 GRB2-associated binding protein 1 \[Homo sapiens \]](#)

Official Symbol

[GAB1](#)

Synonyms

GAB1; GRB2-associated binding protein 1; GRB2-associated-binding protein 1;
GRB2-associated binder 1; growth factor receptor bound protein 2-associated protein
1;

Gene ID

[2549](#)

mRNA Refseq

[NM_002039](#)

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Protein Refseq	NP_002030
MIM	604439
UniProt ID	Q13480

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