

Recombinant Full Length Human GAB1 Protein, C-Flag-tagged

Cat. No. GAB1-1266HFL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Human GAB1 Protein, fused to Flag-tag at C-terminus, was expressed in Mammalian cells.
Species	Human
Source	Mammalian Cells
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.
Form	25 mM Tris HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	79.8 kDa
AA Sequence	MSGGEVVCSGWLRKSPPEKKLKRYAWKRRWFVLRSGRLTGDPDVLEYYKNDHAK KPIRIIDLNLCCQQVDA GLTFNKKEFENSYIFDINTIDRIFYLVADSEEEMNKWVRCICDI CGFNPTEEDPVKPPGSSLQAPADLPL AINTAPPSTQADSSSATLPPPYQLINVPPHL ETLGIQEDPQDYLLINCQSKKPEPTRTHADSASTSSE TDCNDNVPSHKNPASSQ SKHGMNGFFQQMIYDSPPSRAPASVDSSLYNLPRSYSHDVLPKVSPSSTEADG ELYVFNTPSGTSSVETQMRHVSISYDIPPTPGNTYQIPRTFPEGTLGQTSKLDITPDIP PPRPPKPHP AHDRSPVETCSIPRTASDTSYCIPTAGMSPSRSTISTVDLNLKLRK DASSQDCYDIPRAFPSDRSSSL EGFHNHFVKVKNLTVGVSSEELDENYVPMNPNS PPRQHSSSFTEPIQEANYVPMTPGTFDFSSFGMQVP PPAHMGFRSSPKTPRRPV

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

PVADCEPPPVDRLNKPDRKGQSPKILRLKPHGLERTDSQTIGDFATRRKVK PAPLEI
 KPLPEWEELQAPVRSPITRSFARDSSRFPMSPRPDSVHSTTSSSDSHDSEENYVPM
 NPNLSSD PNLFGSNSLDGGSSPMIKPKGDKQVEYLDLDLDSGKSTPPRKQKSSG
 SGSSVADERVDYVVVDQKTLAL
 KSTREAWTDGRQSTESETPAKSVKTRTRPLEQKLISEEDLAANDILDYKDDDDKV

Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining.
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade.
Concentration	>50 ug/mL as determined by microplate BCA method.
Preparation	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Protein Families	Druggable Genome
Protein Pathways	ErbB signaling pathway, Neurotrophin signaling pathway, Renal cell carcinoma
Full Length	Full L.

GENE INFORMATION

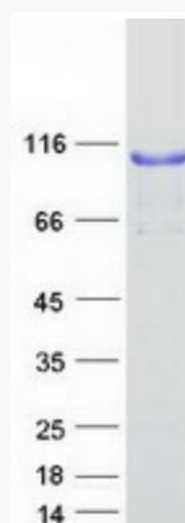
Gene Name	GAB1 GRB2 associated binding protein 1 [Homo sapiens (human)]
Official Symbol	GAB1
Synonyms	DFNB26

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Gene ID	2549
mRNA Refseq	NM_207123.3
Protein Refseq	NP_997006.1
MIM	604439
UniProt ID	Q13480



Coomassie blue staining of purified GAB1 protein.