

Recombinant Human GAB1 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. GAB1-3003H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	GAB1 MS Standard C13 and N15-labeled recombinant protein (NP_002030) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
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.
Molecular Mass	76.4 kDa
AA Sequence	MSGGEVVC SGWLRKSPPEKKLKRYAWKRRWFVLRSGRLTGDPDVLEYYKNDHAK KPIRIIDLNL CQQVDAGLTFNKKEFENSIFYDINTIDRIFYLVADSEEMNKWVRCICDI CGFNPTEEDPVKPPGSSLQAPADLPLAINTAPPSTQADSSSATLPPPYQLINVPPHLE TLGIQEDPQDYLLLINCQSKKPEPTRTHADS AKSTSSETDCNDNVPSHKNPASSQSK HGMNGFFQQQMIYDSPPSRAP SASVDSSLYNLPRSYSHDVL PKVSPSSTEADGELY VFNTPSGTSSVETQMRHVSISYDIPPTPGNTYQIPRTFPEGTLGQTSKLDITIPDIPPR PPKPHPAHDRSPVETCSIPRTASDTDSSYCIPTAGMSPSRSTISTVDLNLKLRK DAS SQDCYDIPRAFP SDRSSSLEGFHNHFKVKNVLT VGSVSSEELDENYVPMNPNSPPR QHSSSFTEPIQEANYVPMTPGTDFSSFGMQVPPPAHMGFRSSPKTPRRPVPVA

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DCEPPPVDRLNKPDRKVKPAPLEIKPLPEWEELQAPVRSPITRSFARDSSRFPMSPR
 PDSVHSTTSSSDSHDSEENYVPMNPNLSSDPNLFGSNSLDGGSSPMIKPKGDKQ
 VEYLDLDLDSGKSTPPRKQKSSGSGSSVADERVDYVVVDQQKTLALKSTREAWTD
 GRQSTESETPAKSVKTRTRPLEQKLISEEDLAANDILDYKDDDDKV

Purity > 80% as determined by SDS-PAGE and Coomassie blue staining

Stability Stable for 3 months from receipt of products under proper storage and handling conditions.

Storage Store at -80 centigrade. Avoid repeated freeze-thaw cycles.

Concentration 50 µg/mL as determined by BCA

Storage Buffer 100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name GAB1 GRB2-associated binding protein 1 [Homo sapiens (human)]

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

Protein Refseq NP_002030

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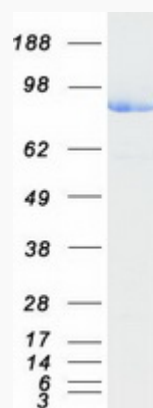
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MIM 604439

UniProt ID Q13480

SDS-PAGE



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