

Recombinant Human GAB1 Protein, T7/His-tagged

Cat. No. GAB1-22H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human full-length GAB1 with a T7-His-TEV cleavage site Tag (31aa) fusion at N-terminal was expressed in E. coli.
Species	Human
Source	E.coli
Form	Liquid
AA Sequence	<p>MASMTGGQQMGRGHHHHHHENLYFQGGEFSGGEVVCSGWLRKSPPEKCLKRYA WKRRWFVLRSGRLTGDPDVLEYYKNDHAKKPIRIIDLNLCCQQVDAGLTFNKKEFENS YIFDINTIDRIFYLVADSEEEMNKWVRCICDICGFNPTEEDPVKPPGSSLQAPADLPLA INTAPPSTQADSSSATLPPPYQLINVPPHLETGLGIQEDPQDYLLLINCQSKKPEPTRTH ADSAKSTSSETDCNDNVPSHKNPASSQSKHGMNGFFQQQMIYDSPPSRAPSASVD SSLYNLPRSYSHDVLPKVSPSSTEADGELYVFNTPSGTSSVETQMRHVSISYDIPPT PGNTYQIPRTFPEGTLGQTSKLDTIPDIPPPRPPKHPAHDRSPVETCSIPRTASDTD SSYCIPTAGMSPRSNTISTVDLNKLRKDASSQDCYDIPRAFPSDRSSSLEGFHNHF KVKNVLTVGSVSSEELDENYVPMNPNSPPRQHSSSFTEPIQEANYVPMTPGTDFDS SFGMQVPPPAHMGFRSSPKTPRRP</p>
Purity	> 90% by SDS-PAGE
Applications	1. May be used for in vitro Gab1 mediated cell signaling pathway regulation study for various cells in FGFR1 and IL6 pathway by intracellular delivery of this protein with protein-delivery reagent such as ProFectin Reagent Kit.

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2. May be used for protein-protein interaction measurement in vitro for mapping GAB1 binder.
3. As substrate protein for kinase enzymatic assay.
4. Potential biomarker protein, which may be used for diagnostic application of various cancer or asthma.
5. As immunogen for specific antibody production.

Storage	Keep at -80 centigrade for long term storage. Product is stable at 4 centigrade for at least 30 days.
Concentration	0.5 mg/mL
Storage Buffer	Sterile-filtered, in 20 mM pH 8.0 Tris-HCl Buffer, with proprietary formulation of NaCl, KCl, EDTA, Sucrose and DTT.

GENE INFORMATION

Gene Name	GAB1
Official Symbol	GAB1 GRB2 associated binding protein 1 [Homo sapiens (human)]
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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MIM	604439
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UniProt ID	Q13480
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