

## Recombinant Human GAB1 protein, His-tagged

Cat. No. GAB1-3130H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human GAB1 protein(501-724 aa), fused to His tag, was expressed in E. coli.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>ProteinLength</b>	501-724 aa
<b>Form</b>	The purified protein was Lyophilized from sterile PBS (58mM Na <sub>2</sub> HPO <sub>4</sub> , 17mM NaH <sub>2</sub> PO <sub>4</sub> , 68mM NaCl, pH7.4). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization. The elution buffer contain 300mM imidazole.
<b>AA Sequence</b>	PKTPRRRPVADVADCEPPPVDRLNPKDRKGQSPKILRLKPHGLERTDSQTIGDFATRR KVKPAPLEIKPLPEWEELQAPVRSPITRSFARDSSRFPMSPRPDSVHSTTSSSDSHD SEENYVPMNPNLSSDPNLFGSNSLDGGSSPMIKPKGDKQVEYLDLDDSGKSTPP RKQKSSGSGSSVADERVDYVVVDQKTLALKSTREAWTDGRQSTESETPAKSVK
<b>Purity</b>	90%, by SDS-PAGE with Coomassie Brilliant Blue staining.
<b>Storage</b>	Short-term storage: Store at 2-8°C for (1-2 weeks). Long-term storage: Aliquot and store at -20°C to -80°C for up to 3 months, buffer containing 50% glycerol is recommended for reconstitution. Avoid repeat freeze-thaw cycles.

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**Reconstitution**

Reconstitute at 0.25 g/μl in 200 μl sterile water for short-term storage.  
Reconstitution with 200 μl 50% glycerol solution is recommended for longer term storage.

**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

**Protein Refseq**

NP\_002030

**MIM**

604439

**UniProt ID**

Q13480

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