

Recombinant Human GAB1 protein, His-tagged

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

SPECIFICATION

Product Overview	Recombinant Human GAB1 protein(501-724 aa), fused to His tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	501-724 aa
Form	The purified protein was Lyophilized from sterile PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH7.4). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization. The elution buffer contain 300mM imidazole.
AA Sequence	PKTPRRRPVPVADCEPPPVDRLKPDRKGQSPKILRLKPHGLERTDSQTIGDFATTR KVKPAPLEIKPLPEWEELQAPVRSPITRSFARDSSRFPMSPRPDSVHSTTSSSDSHD SEENYVPMNPNLSSDPNLFGSNSLDGGSSPMIKPKGDKQVEYLDLDDSGKSTPP RKQKSSGSGSSVADERVDYVVVDQKTLALKSTREAWTDGRQSTESETPAKSVK
Purity	90%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Storage	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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