

## Recombinant Human GRB10 protein, His-tagged

Cat. No. GRB10-3564H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human GRB10 protein(208-536 aa), fused to His tag, was expressed in E. coli.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>ProteinLength</b>	208-536 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>	MVTWCQQSNGSQTQLLQNFLNSSSCPEIQGFLHVKELGKKS <sup>W</sup> KKLYVCLRRSGLY CSTKGT <sup>S</sup> SKEPRHLQLLADLEDSNIFSLIAGRKQYNAPTDHGLCIKPNKVRNETKELRL LCAEDEQTRTCWMTAFRLLKYGMLLYQNYRIPQQRKALLSPFSTPVR <sup>S</sup> SVENSLVA MDFSGQTGRVIENPAEAQSAALEEGHAWRKRSTRMNILGSQSPLHPSTLSTVIHRT QHWFHGRISREESHRIIKQQGLVDGLFLLRDSQSNPKAFVLTLC <sup>H</sup> HQKIKNFQILPCE DDGQTF <sup>F</sup> SLDDGNTKFS <sup>D</sup> LIQLVDFYQLNKGVL <sup>P</sup> CKLKHHCIRVAL
<b>Purity</b>	95%, 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

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cycles.

**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**

GRB10 growth factor receptor-bound protein 10 [ Homo sapiens ]

**Official Symbol**

GRB10

**Synonyms**

GRB10; growth factor receptor-bound protein 10; GRB10 adapter protein; GRB10 adaptor protein; maternally expressed gene 1; insulin receptor-binding protein Grb-IR; RSS; IRBP; MEG1; GRB-IR; Grb-10; KIAA0207;

**Gene ID**

2887

**mRNA Refseq**

NM\_001001549

**Protein Refseq**

NP\_001001549

**MIM**

601523

**UniProt ID**

Q13322

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