## Recombinant human GAB1 protein



**Basic Information** 

Catalog Number:

Ag28219 Form:

Available lyophilized

Species:

human

**Expression Source:** 

e coli.-derived, PGEX-4T, with N-terminal GST.

Biological Activity:

Not tested

Endotoxin Level:

Please contact the lab for more information

Peptide Sequence:

PKTPPRRPVPVADCEPPPVDRNLKPDRKGQSPKILRLK PHGLERTDSQTIGDFATRRKVKPAPLEIKPLPEWEELQ APVRSPITRSFARDSSRFPMSPRPDSVHSTTSSSDSHD SEENYVPMNPNLSSEDPNLFGSNSLDGGSSPMIKPKG DKQVEYLDLDLDSGKSTPPRKQKSSGSGSSVADERVD YVVVDQQKTLALKSTREAWTDGRQSTESETPAKSVK

(501-724 aa encoded by BC064848)

Reconstitution and Storage

Reconstitution:

Reconstitute at 0.25 µg/  $\mu$  l in 200  $\mu$  l sterile water for short-term storage.

After reconstitution with sterile water, if glycerol has no effect on subsequent experiments, it is recommended to add an equal volume of glycerol for long-term storage (see Stability and Storage for more details).

If a different concentration is needed for your purposes please adjust the reconstitution volume as required (please note: the ion concentration of the final solution will vary according to the volume used).

Note: Centrifuge vial before opening. When reconstituting, gently pipet and wash down the sides of the vial to ensure full recovery of the protein into solution.

Shipping:

The product is shipped at ambient temperature. Upon receipt, store it immediately at the recommended temperature (see below).

**Purity** 

80%, by SDS-PAGE with Coomassie Brilliant Blue staining.

**Formulation** 

The purified protein was Lyophilized from sterile PBS (58mM Na2HPO4,17mM NaH2PO4, 68mM NaCl, pH8.). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization. The elution buffer contain 100mM GSH.

Stability and Storage

Store for up to 12 months at -20°C to -80°C as lyophilized powder.

Storage of Reconstituted Protein 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.

Selected Validation Data

