

Recombinant Human GAB3 protein, His & T7-tagged

Cat. No. GAB3-1465H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human GAB3 aa. (Lys332~Gln583 (Accession # Q8WWW8)) fused with N-terminal His & T7 tag was produced in E. coli cells.
Species	Human
Source	E.coli
ProteinLength	Lys332~Gln583
Description	This gene is a member of the GRB2-associated binding protein gene family. These proteins are scaffolding/docking proteins that are involved in several growth factor and cytokine signaling pathways, and they contain a pleckstrin homology domain, and bind SHP2 tyrosine phosphatase and GRB2 adapter protein. The protein encoded by this gene facilitates macrophage differentiation. Alternative splicing results in multiple transcript variants.
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 32.2kDa
Endotoxin	<1.0EU per 1ug (determined by the LAL method)
Purity	>95%
Applications	SDS-PAGE; WB; ELISA; IP.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Stability	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.
Storage buffer	Supplied as lyophilized form in PBS, pH7.4, containing 5% sucrose, 0.01% sarcosyl.
Reconstitution	Reconstitute in sterile PBS, pH7.2-pH7.4.
Isoelectric Point	7.8

GENE INFORMATION

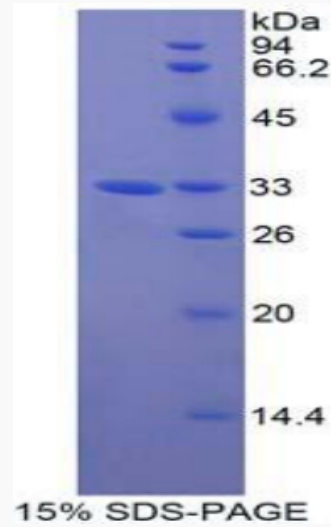
Gene Name	GAB3 GRB2 associated binding protein 3 [Homo sapiens (human)]
Official Symbol	GAB3
Synonyms	GAB3; GRB2 associated binding protein 3; GRB2-associated-binding protein 3; DOS/Gab family member 3; GRB2-associated binder 3; Gab3 scaffolding protein; growth factor receptor bound protein 2-associated protein 3
Gene ID	139716
mRNA Refseq	NM_001081573.2
Protein Refseq	NP_001075042.1
UniProt ID	Q8WWW8

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SDS-PAGE



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