

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.

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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

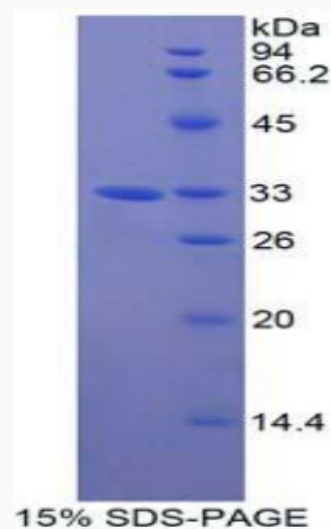
Gene Name	GAB3 GRB2 associated binding protein 3 [Homo sapiens (human)]
Official Symbol	GAB3
Synonyms	GAB3; GRB2 associated binding protein 3; GRB2-associated-binding protein 3; DOS/Gab family member 3; GRB2-associated binder 3; Gab3 scaffolding protein; growth factor receptor bound protein 2-associated 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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