

Recombinant Human GAB3 Protein, GST-tagged

Cat. No. GAB3-4621H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human GAB3 full-length ORF (NP_542179.1, 1 a.a. - 586 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
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. Two transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq]
Molecular Mass	92 kDa
AA Sequence	MSAGDAVCTGWLVKSPPERKLQRYAWRKRWFLRRGRMSGNPDVLEYRKNHSS KPIRVIDLSECAVWKHVGPSFVRKEFQNNFVIVKTTSTRTFYLVAKTEQEMQVWVHS ISQVCNLGHLEDGADSMESLSYTPSSLQPSSASSLLTAHAASSSLPRDDPNTNAVAT EETRSESELLFLPDYLVLSNCETGRLHHTSLPTRCDSWSNSDRSLEQASFDDVFVD CLQPLPSSHVLVHPSCHGSGAQEVPPSRPQAALIWSREINGPPRDHLSSSPLLLESSLS STIQVDKNQGSLPCGAKELDIMSNTPPPRPPKPSHLSERRQEEWSTHSGSKKPECT LVPRRISLSGLDNMRTWKADVEGQSLRHRDKRLSLNLP CRFSPMYPTASASIEDSY VPMSPQAGASGLGPHCSPDDYIPMNSGSISSPLPELPANLEPPPVN RDLKPQRKSR

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PPPLDLRNLSIIREHASLTRTRTVPCSRTSFLSPERNGIN SARFFANPVSREDEESYIE
MEEHRTASSLSSGALTWTKKFSLDYALDFNSASPAPMQQKLLSEEQRVDYVQVD
EQKTQALQSTKQEWTDERQSKV

Applications

Enzyme-linked Immunoabsorbent Assay
Western Blot (Recombinant protein)
Antibody Production
Protein Array

Notes

Best use within three months from the date of receipt of this protein.

Storage

Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.

Storage Buffer

50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

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; GRB2 Associated
Binding Protein 3; Growth Factor Receptor Bound Protein 2-Associated Protein 3;
Gab3 Scaffolding Protein; GRB2-Associated Binder 3; DOS/Gab Family Member 3

Gene ID

139716

mRNA Refseq

NM_001081573

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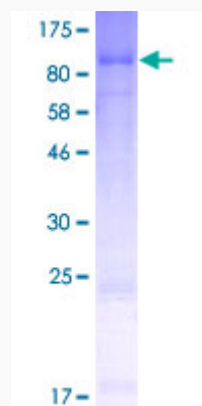
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Protein Refseq NP_001075042

MIM 300482

UniProt ID Q8WWW8

**Quality Control
Testing**



12.5% SDS-PAGE Stained with Coomassie Blue.

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