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	MSAGDAVCTGWLVKSPPERKLQRYAWRKRWFVLRRGRMSGNPDVLEYYRNKHSS KPIRVIDLSECAVWKHVGPSFVRKEFQNNFVFIVKTTSRTFYLVAKTEQEMQVWVHS ISQVCNLGHLEDGADSMESLSYTPSSLQPSSASSLLTAHAASSSLPRDDPNTNAVAT EETRSESELLFLPDYLVLSNCETGRLHHTSLPTRCDSWSNSDRSLEQASFDDVFVD CLQPLPSSHLVHPSCHGSGAQEVPSSRPQAALIWSREINGPPRDHLSSSPLLESSLS STIQVDKNQGSLPCGAKELDIMSNTPPPRPPKPSHLSERRQEEWSTHSGSKKPECT LVPRRISLSGLDNMRTWKADVEGQSLRHRDKRLSLNLPCRFSPMYPTASASIEDSY VPMSPQAGASGLGPHCSPDDYIPMNSGSISSPLPELPANLEPPPVNRDLKPQRKSR

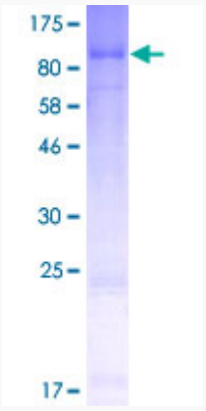
Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA

	PPPLDLRNLSIIREHASLTRTRTVPCSRTSFLSPERNGINSARFFANPVSREDEESYIE MEEHRTASSLSSGALTWTKKFSLDYLALDFNSASPAPMQQKLLLSEEQRVDYVQVD 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

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

Protein Refseq	NP_001075042
MIM	300482
UniProt ID	Q8WWW8
Quality Control Testing	 12.5% SDS-PAGE Stained with Coomassie Blue.

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