Recombinant Human GRAP Protein, GST-tagged

Cat. No. GRAP-5032H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human GRAP full-length ORF (NP_006604, 1 a.a. - 217 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
Description	This gene encodes a member of the GRB2/Sem5/Drk family. This member functions as a cytoplasmic signaling protein which contains an SH2 domain flanked by two SH3 domains. The SH2 domain interacts with ligand-activated receptors for stem cell factor and erythropoietin, and facilitates the formation of a stable complex with the BCR-ABL oncoprotein. This protein also associates with the Ras guanine nucleotide exchange factor SOS1 (son of sevenless homolog 1) through its N-terminal SH3 domain. [provided by RefSeq
Molecular Mass	49.5 kDa
AA Sequence	MESVALYSFQATESDELAFNKGDTLKILNMEDDQNWYKAELRGVEGFIPKNYIRVKP HPWYSGRISRQLAEEILMKRNHLGAFLIRESESSPGEFSVSVNYGDQVQHFKVLREA SGKYFLWEEKFNSLNELVDFYRTTTIAKKRQIFLRDEEPLLKSPGACFAQAQFDFSA QDPSQLSFRRGDIIEVLERPDPHWWRGRSCGRVGFFPRSYVQPVHL
Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production

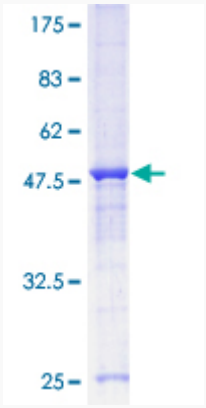
Tel: 1-631-559-9269 1-516-512-3133
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45-1 Ramsey Road, Shirley, NY 11967, USA

	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	GRAP GRB2-related adaptor protein [Homo sapiens]
Official Symbol	GRAP
Synonyms	GRAP; GRB2-related adaptor protein; GRB2-related adapter protein; growth factor receptor-bound protein 2-related adaptor protein; MGC64880;
Gene ID	10750
mRNA Refseq	NM_006613
Protein Refseq	NP_006604
MIM	604330
UniProt ID	Q13588

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Quality Control Testing	 12.5% SDS-PAGE Stained with Coomassie Blue.

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