

Recombinant Full Length Human GRAP2 Protein, GST-tagged

Cat. No. GRAP2-5318HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human GRAP2 full-length ORF (NP_004801.1, 1 a.a. - 330 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	330 amino acids
Description	This gene encodes a member of the GRB2/Sem5/Drk family. This member is an adaptor-like protein involved in leukocyte-specific protein-tyrosine kinase signaling. Like its related family member, GRB2-related adaptor protein (GRAP), this protein contains an SH2 domain flanked by two SH3 domains. This protein interacts with other proteins, such as GRB2-associated binding protein 1 (GAB1) and the SLP-76 leukocyte protein (LCP2), through its SH3 domains. Transcript variants utilizing alternative polyA sites exist. [provided by RefSeq]
Molecular Mass	64.3 kDa
AA Sequence	MEAVAKFDFTASGEDELSFHTGDVLKILSNQEEWFKAELGSQEGYVPKNFIDIQFPK WFHEGLSRHQAENLLMGKEVGFFIIRASQSSPGDFSISVRHEDDVQHFKVMRDNKG NYFLWTEKFPSLNKLVDYYRTNSISRQKQIFLRDRTREDQGHGRGNSLDRRSQGGPH LSGAVGEEIRPSMNRKLSDHPPTLPLQQHQHQPPQYAPAPQQLQPPQQRYLQ HHHFHQERRGGSLDINDGHCGTGLGSEMNAALMHRRTDPVQLQAAGRVRWARA LYDFEALEDDELGFHSGEVVEVLDSSNPSSWWTGRLHNKLGLFPANYVAPMTR

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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	GRAP2 GRB2-related adaptor protein 2 [Homo sapiens]
Official Symbol	GRAP2
Synonyms	GRAP2; GRB2-related adaptor protein 2; GRB2-related adapter protein 2; GADS; GRBLG; GrbX; Grf40; Mona; grf-40; GRB-2-like protein; adapter protein GRID; grf40 adapter protein; SH3-SH2-SH3 adapter Mona; SH3-SH2-SH3 adaptor molecule; growth factor receptor-binding protein; GRB2-related protein with insert domain; hematopoietic cell-associated adapter protein GrpL; hematopoietic cell-associated adaptor protein GRPL; growth factor receptor-bound protein 2-related adaptor protein 2; P38; GRID; GRPL; GRB2L; GRAP-2;
Gene ID	9402
mRNA Refseq	NM_004810
Protein Refseq	NP_004801

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MIM	604518
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UniProt ID	O75791
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