

Recombinant Human GRAP2 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. GRAP2-3176H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	GRAP2 MS Standard C13 and N15-labeled recombinant protein (NP_004801) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
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. Multiple alternatively spliced transcript variants encoding distinct isoforms have been found for this gene.
Molecular Mass	37.9 kDa
AA Sequence	MEAVAKFDFTASGEDELSFHTGDVLKILSNQEEWFKAELGSQEGYVPKNFIDIQFPK WFHEGLSRHQAENLLMGKEVGFFIIRASQSSPGDFSISVRHEDDVQHFKVMRDNKG NYFLWTEKFPSLNKLVDYYRTNSISRQKQIFLRDRTREDQGHGRGNSLDRRSQGQPH LSGAVGEEIRPSMNRKLSDHPPTLPLQQHQHQPPQYAPAPQQLQPPQQRYLQ HHHFHQERRGSLDINDGHCGTGLGSEMNAALMHRHTDPVQLQAAGRVRWARA LYDFEALEDDELGFHSGEVVEVLDSSNPSWWTGRLHNKLGLFPANYVAPMTRTRT

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RPLEQKLISEEDLAANDILDYKDDDDKV

Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.
Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration	50 µg/mL as determined by BCA
Storage Buffer	100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name	GRAP2 GRB2-related adaptor protein 2 [Homo sapiens (human)]
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

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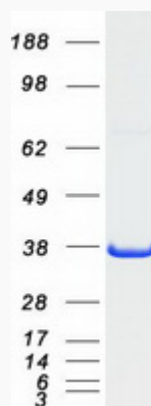
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Protein Refseq NP_004801

MIM 604518

UniProt ID O75791

SDS-PAGE



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