



## Human GRAP2 blocking peptide (CDBP1425)

This product is for research use only and is not intended for diagnostic use.

### PRODUCT INFORMATION

<b>Product Overview</b>	Blocking/Immunizing peptide for anti-GRAP2/GRID/ Grf40 antibody
<b>Antigen Description</b>	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.
<b>Species</b>	Human
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	Apuri, BL, ELISA
<b>Format</b>	Lyophilized powder
<b>Size</b>	100 µg
<b>Preservative</b>	None
<b>Storage</b>	Shipped at ambient temperature, store at -20°C.

### GENE INFORMATION

<b>Gene Name</b>	<a href="#">GRAP2 GRB2-related adaptor protein 2 [ Homo sapiens ]</a>
<b>Official Symbol</b>	GRAP2
<b>Synonyms</b>	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;

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<b>Entrez Gene ID</b>	<a href="#">9402</a>
<b>mRNA Refseq</b>	<a href="#">NM_004810</a>
<b>Protein Refseq</b>	<a href="#">NP_004801</a>
<b>UniProt ID</b>	O75791
<b>Chromosome Location</b>	22q13.2
<b>Pathway</b>	Adaptive Immune System, organism-specific biosystem; CD28 co-stimulation, organism-specific biosystem; Costimulation by the CD28 family, organism-specific biosystem; Generation of second messenger molecules, organism-specific biosystem; Immune System, organism-specific biosystem; JNK signaling in the CD4+ TCR pathway, organism-specific biosystem; Signal Transduction, organism-specific biosystem;
<b>Function</b>	SH3/S2 adaptor activity; protein binding;

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