



# Human GRAP blocking peptide (CDBP1424)

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-GRAP antibody
<b>Antigen Description</b>	This gene encodes a member of the GRB2/Sem5/Drk family and 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. In general, it couples signals from receptor and cytoplasmic tyrosine kinases to the Ras signaling pathway.
<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="#">GRAP GRB2-related adaptor protein [ Homo sapiens ]</a>
<b>Official Symbol</b>	GRAP
<b>Synonyms</b>	GRAP; GRB2-related adaptor protein; GRB2-related adapter protein; growth factor receptor-

bound protein 2-related adaptor protein; MGC64880;

<b>Entrez Gene ID</b>	<a href="#">10750</a>
<b>mRNA Refseq</b>	<a href="#">NM_006613</a>
<b>Protein Refseq</b>	<a href="#">NP_006604</a>
<b>UniProt ID</b>	Q13588
<b>Chromosome Location</b>	17p11.2
<b>Pathway</b>	Kit Receptor Signaling Pathway, organism-specific biosystem; Signal Transduction, organism-specific biosystem; Signaling by SCF-KIT, organism-specific biosystem; T Cell Receptor Signaling Pathway, organism-specific biosystem;
<b>Function</b>	SH3/SH2 adaptor activity;