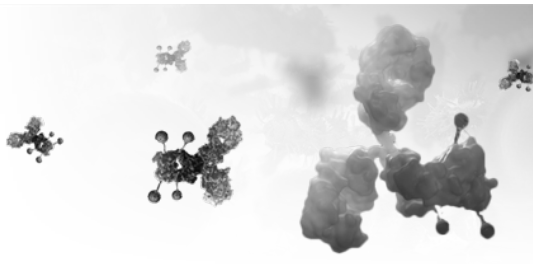

Human RNF40 peptide (DAG-P1024)

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

PRODUCT INFORMATION

Antigen Description	The protein encoded by this gene contains a RING finger, a motif known to be involved in protein-protein and protein-DNA interactions. This protein was reported to interact with the tumor suppressor protein RB1. Studies of the rat counterpart suggested that this protein may function as an E3 ubiquitin-protein ligase, and facilitate the ubiquitination and degradation of syntaxin 1, which is an essential component of the neurotransmitter release machinery. Multiple alternatively spliced transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, May 2011]
Specificity	Ubiquitously expressed. Expressed at higher level in testis, heart and pancreas, while it is only weakly expressed in lung, skeletal muscle and small intestine.
Conjugate	Unconjugated
Sequence Similarities	Belongs to the BRE1 family.Contains 1 RING-type zinc finger.
Format	Liquid
Preservative	None
Storage	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles. Information available upon request.

GENE INFORMATION

Gene Name	RNF40 ring finger protein 40, E3 ubiquitin protein ligase [Homo sapiens (human)]
Official Symbol	RNF40
Synonyms	RNF40; ring finger protein 40, E3 ubiquitin protein ligase; BRE1B; RBP95; STARING; E3 ubiquitin-protein ligase BRE1B; BRE1-B; Rb-associated protein; BRE1 E3 ubiquitin ligase homolog B; 95 kDa retinoblastoma-associated protein; 95 kDa retinoblastoma protein binding

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	protein;
Entrez Gene ID	9810
mRNA Refseq	NM_001207033.1
Protein Refseq	NP_001193962.1
UniProt ID	A8K6K1
Chromosome Location	16p11.2-p11.1
Function	protein binding; protein complex binding; protein homodimerization activity; syntaxin-1 binding; ubiquitin protein ligase binding; contributes_to ubiquitin-protein ligase activity; zinc ion binding;

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