Human WWP1 peptide (DAG-P2045)

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

PRODUCT INFORMATION

Antigen Description	WW domain-containing proteins are found in all eukaryotes and play an important role in the regulation of a wide variety of cellular functions such as protein degradation, transcription, and RNA splicing. This gene encodes a protein which contains 4 tandem WW domains and a HECT (homologous to the E6-associated protein carboxyl terminus) domain. The encoded protein belongs to a family of NEDD4-like proteins, which are E3 ubiquitin-ligase molecules and regulate key trafficking decisions, including targeting of proteins to proteosomes or lysosomes. Alternative splicing of this gene generates at least 6 transcript variants; however, the full length nature of these transcripts has not been defined. [provided by RefSeq, Jul 2008]
Conjugate	Unconjugated
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	WWP1 WW domain containing E3 ubiquitin protein ligase 1 [Homo sapiens (human)]
Official Symbol	WWP1
Synonyms	WWP1; WW domain containing E3 ubiquitin protein ligase 1; AIP5; Tiul1; hSDRP1; NEDD4-like E3 ubiquitin-protein ligase WWP1; WW domain-containing protein 1; atrophin-1 interacting protein 5; atrophin-1-interacting protein 5; TGIF-interacting ubiquitin ligase 1; Nedd-4-like ubiquitin-protein ligase;
Entrez Gene ID	11059

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mRNA Refseq	NM_007013.3
Protein Refseq	NP_008944.1
UniProt ID	Q9H0M0
Chromosome Location	8q21
Pathway	Adaptive Immune System, organism-specific biosystem; Antigen processing: Ubiquitination and Proteasome degradation, organism-specific biosystem; Class I MHC mediated antigen processing and presentation, organism-specific biosystem; Downregulation of ERBB4 signaling, organism-specific biosystem; Endocytosis, organism-specific biosystem; Endocytosis, conserved biosystem; ErbB4 signaling events, organism-specific biosystem; Immune System, organism-specific biosystem; Ion channel transport, organism
Function	protein binding; ubiquitin-protein ligase activity; ubiquitin-protein ligase activity;

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