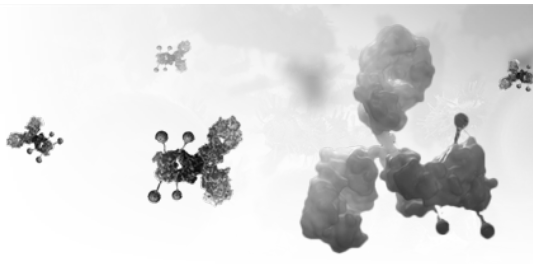

Human MAP1A peptide (DAG-P0810)

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

PRODUCT INFORMATION

Antigen Description	This gene encodes a protein that belongs to the microtubule-associated protein family. The proteins of this family are thought to be involved in microtubule assembly, which is an essential step in neurogenesis. The product of this gene is a precursor polypeptide that presumably undergoes proteolytic processing to generate the final MAP1A heavy chain and LC2 light chain. Expression of this gene is almost exclusively in the brain. Studies of the rat microtubule-associated protein 1A gene suggested a role in early events of spinal cord development. [provided by RefSeq, Jul 2008]
Specificity	Brain.
Purity	70 - 90% by HPLC.
Conjugate	Unconjugated
Sequence Similarities	Belongs to the MAP1 family.
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	MAP1A microtubule-associated protein 1A [Homo sapiens (human)]
Official Symbol	MAP1A
Synonyms	MAP1A; microtubule-associated protein 1A; MAP1L; MTAP1A; MAP-1A; proliferation-related protein p80;

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Entrez Gene ID	4130
mRNA Refseq	NM_002373.5
Protein Refseq	NP_002364.5
UniProt ID	P78559
Chromosome Location	15q15.3
Function	hydrolase activity; microtubule binding; protein binding; structural molecule activity;

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