



Human TYMP peptide (DAG-P1186)

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

PRODUCT INFORMATION

Antigen Description	This gene encodes an angiogenic factor which promotes angiogenesis in vivo and stimulates the in vitro growth of a variety of endothelial cells. It has a highly restricted target cell specificity acting only on endothelial cells. Mutations in this gene have been associated with mitochondrial neurogastrointestinal encephalomyopathy. Multiple alternatively spliced transcript variants have been identified. [provided by RefSeq, Apr 2012]
Purity	70 - 90% by HPLC.
Conjugate	Unconjugated
Sequence Similarities	Belongs to the thymidine/pyrimidine-nucleoside phosphorylase 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	TYMP thymidine phosphorylase [Homo sapiens (human)]
Official Symbol	TYMP
Synonyms	TYMP; thymidine phosphorylase; TP; ECGF; ECGF1; MNGIE; MEDPS1; MTDPS1; PDECGF; hPD-ECGF; tdRPase; gliostatin;
Entrez Gene ID	1890
mRNA Refseq	NM_001113755.2

Protein Refseq	NP_001107227.1
UniProt ID	B2RBL3
Chromosome Location	22q13.33
Pathway	Bladder cancer, organism-specific biosystem; Bladder cancer, conserved biosystem; Drug metabolism - other enzymes, organism-specific biosystem; Drug metabolism - other enzymes, conserved biosystem; Fluoropyrimidine Activity, organism-specific biosystem; Metabolism, organism-specific biosystem; Metabolism of nucleotides, organism-specific biosystem; Pyrimidine catabolism, organism-specific biosystem; Pyrimidine metabolism, organism-specific biosystem; Pyrimidine metabolism, organism-specific bios
Function	growth factor activity; phosphorylase activity; platelet-derived growth factor receptor binding; pyrimidine-nucleoside phosphorylase activity; thymidine phosphorylase activity; transferase activity, transferring pentosyl groups;