Recombinant Human TYMP cell lysate

Cat. No. TYMP-525HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	
Species	Human
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 variants, encoding the same protein, have been identified.
Size	100 ul
Storage Buffer	1X Sample Buffer (50 mM Tris-HCl, 2% SDS, 10% glycerol, 300 mM 2-mercaptoethanol, 0.01% Bromophenol blue)
Applications	Western Blot;

GENE INFORMATION

Gene Name	TYMP thymidine phosphorylase [Homo sapiens]
Official Symbol	TYMP
Synonyms	TYMP; thymidine phosphorylase; ECGF1, endothelial cell growth factor 1 (platelet derived) , MNGIE; gliostatin; tdRPase; TP; ECGF; ECGF1; MNGIE; MEDPS1;

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA

	MTDPS1; PDECGF; hPD-ECGF;
Gene ID	1890
mRNA Refseq	NM_001113755
Protein Refseq	NP_001107227
MIM	131222
UniProt ID	P19971
Chromosome Location	22q13
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; Metabolic pathways, organism-specific biosystem; Metabolism, organism-specific biosystem;
Function	growth factor activity; platelet-derived growth factor receptor binding; pyrimidine-nucleoside phosphorylase activity; thymidine phosphorylase activity; transferase activity, transferring pentosyl groups;

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA