

Thymidine Phosphorylase Recombinant Protein | TP recombinant protein

Recombinant Thymidine Phosphorylase (TP)

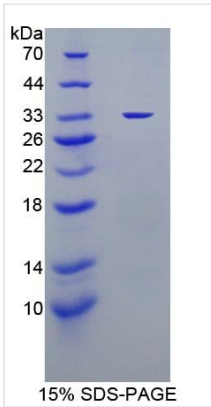
CATALOG # AAA144128	HOST E.coli	REACTIVITY Mus musculus (Mouse)	APPLICATIONS Western Blot, SDS-Page
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PRODUCT SYNONYMS

Thymidine Phosphorylase; Recombinant Thymidine Phosphorylase (TP); TP recombinant protein

PRODUCT SPECIFICATIONS

Host	E.coli
Reactivity	Mus musculus (Mouse)
Purity/Purification	> 90%
Form/Format	20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% SKL, 5% Trehalose and Proclin300.
Concentration	Original Concentration: 200ug/mL (varies by lot)
Sequence	KRDGGHLREA DIRNFVHAVI DGRAQDTQIG AMLMAIRLQG MNLEETSVLT RALAESGQQL EWPKAWHQQL VDKHSTGGVG DKVSLVLAPA LAACGCKVPM ISGRSLGHTG GTLDKLESIP GFGVTQSPEQ MLHILEEVGC CIVGQSAKLV PADGILYAAR DVTATVDSVP LITASILSKK AVEGLSTLVV DVKFGGAAVF PDQEKARELA KMLVRVGVSL GLKVAAALTA MDNPLGRSVG HTLEVEEALL CLDGAGPPDL RDLVIRLGGA ILWISGQ
Applicable Applications for TP recombinant protein	WB (Western Blot), SDS-PAGE, Immunogen, Positive Control
Source	Prokaryotic expression
Residues	Lys29~Gln305
Tags	N-terminal His Tag
Subcellular Location	Cytoplasm
Traits	Freeze-dried powder
Predicted isoelectric point	6.4
Usage	Reconstitute in 20mM Tris, 150mM NaCl (pH8.0) to a concentration of 0.1-1.0 mg/mL. Do not vortex.
Preparation and Storage	Storage: Avoid repeated freeze/thaw cycles. Store at 2-8 degree C for one month. Aliquot and store at -80 degree C for 12 months. Stability Test: The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 degree C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.



SDS-PAGE

NCBI AND UNIPROT INFORMATION

NCBI GI #	384229049
NCBI GeneID	1890
NCBI Accession #	NP_001244917.1
NCBI GenBank Nucleotide #	NM_001257988.1
Molecular Weight	Predicted Molecular Mass: 32.9kDa Accurate Molecular Mass: 32kDa as determined by SDS-PAGE reducing conditions
NCBI Official Full Name	thymidine phosphorylase isoform 1 proprotein
NCBI Official Synonym Full Names	thymidine phosphorylase
NCBI Official Symbol	TYMP
NCBI Official Synonym Symbols	TP; ECGF; ECGF1; MNGIE; MEDPS1; MTDPS1; PDECGF; hPD-ECGF
NCBI Protein Information	thymidine phosphorylase
UniProt Protein Name	Thymidine phosphorylase
UniProt Gene Name	TYMP
UniProt Synonym Gene Names	ECGF1; TP; PD-ECGF
UniProt Entry Name	TYPH_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/tymp-recombinant-protein-e-coli-wb-western-blot-sds-page-immunogen-positive-control/144128>