

Recombinant Rat Tymp protein, His & GST-tagged

Cat. No. Tymp-5657R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rat Tymp aa. (Ile33~Ala290 (Accession # Q5FVR2)) fused with N-terminal His & GST tag was produced in E. coli cells.
Species	Rat
Source	E.coli
ProteinLength	Ile33~Ala290
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 59.2kDa
Endotoxin	<1.0EU per 1g (determined by the LAL method)
Purity	>90%
Characteristic	The isoelectric point is 5.8.
Applications	SDS-PAGE; WB; ELISA; IP.
Stability	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°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.

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Storage	Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.
Storage buffer	Supplied as lyophilized form in 20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% sarcosyl, 5% trehalose, and preservative.
Reconstitution	Reconstitute in sterile ddH ₂ O.

GENE INFORMATION

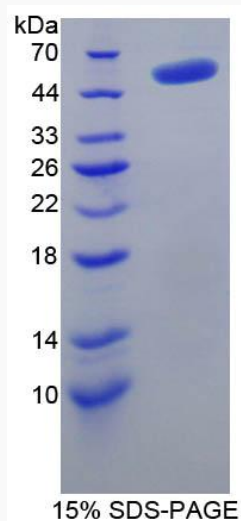
Gene Name	Tymp thymidine phosphorylase [<i>Rattus norvegicus</i> (Norway rat)]
Official Symbol	Tymp
Synonyms	Tymp; thymidine phosphorylase; Ecgf1; TP; endothelial cell growth factor 1 (platelet-derived); tdRPase
Gene ID	315219
mRNA Refseq	NM_001012122.1
Protein Refseq	NP_001012122.1
UniProt ID	Q5FVR2

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SDS-PAGE



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