

Datasheet for ABIN6387786

**TPST1 Protein (AA 26-370) (His tag)**[Go to Product page](#)**1** Image

## Overview

Quantity:	100 µg
Target:	TPST1
Protein Characteristics:	AA 26-370
Origin:	Human
Source:	Baculovirus infected Insect Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This TPST1 protein is labelled with His tag.
Application:	SDS-PAGE (SDS)

## Product Details

Sequence:	ADPQHAMECH HRIEERSQPV KLESTRTTVR TGLDLKANKT FAYHKDMPLI FIGGVPRSGT TLMRAMLDAH PDIRCGEETR VIPRILALKQ MWSRSSKEKI RLDEAGVTDE VLDSAMQAFL LEIIVKHGEP APYLCNKDPF ALKSLTYLSR LFPNAKFLLM VRDGRASVHS MISRKVTIAG FDLNSYRDCL TKWNRAIETM YNQCMEVGKY KCMLVHYEQL VLHPERWMRT LLKFLQIPWN HSVLHHEEMI GKAGGVSLSK VERSTDQVIK PVNVGALSKW VGKIPPDVLQ DMAVIAPMLA KLGYPYANP PNYGKDPKI IENTRRVYKG EFQLPDFLKE KPQTEQVEHH HHHH
Purity:	> 90 % by SDS - PAGE
Endotoxin Level:	< 1.0 EU per 1 microgram of protein (determined by LAL method)

## Target Details

Target:	TPST1
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## Target Details

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Alternative Name: TPST1 ([TPST1 Products](#))

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Background: TPST1, also known as protein-tyrosine sulfotransferase 1, is the enzyme that catalyzes the sulfation reaction of protein tyrosines, a post-translational modification of proteins. It utilizes 3'-Phosphoadenosine-5'-phosphosulfate (PAPS) as the sulfonate donor and binds proteins with target tyrosine residues to eventually form the tyrosine O-sulfate ester group and the desulfonated 3'-phosphoadenosine-5'-phosphate (PAP). Recombinant human TPST1, fused to His-tag at C-terminus, was expressed in insect cell and purified by using conventional chromatography techniques.

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Molecular Weight: 40.6kDa (354aa) 40-57KDa (SDS-PAGE under reducing conditions.)

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NCBI Accession: [NP\\_003587](#)

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UniProt: [O60507](#)

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## Application Details

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Application Notes: Optimal working dilution should be determined by the investigator.

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Restrictions: For Research Use only

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## Handling

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Format: Liquid

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Concentration: 0.25 mg/mL

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Buffer: Liquid. In Phosphate Buffered Saline ( pH 7.4) containing 10 % glycerol.

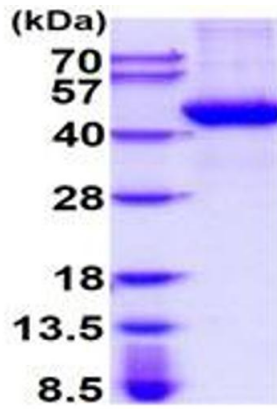
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Storage: 4 °C,-20 °C,-80 °C

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Storage Comment: Can be stored at +4C short term (1-2 weeks). For long term storage, aliquot and store at -20C or -70C. Avoid repeated freezing and thawing cycles.

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15% SDS-PAGE (3ug)

**SDS-PAGE**

Image 1.