

Datasheet for ABIN5854555  
**TPST2 Protein (AA 26-377) (His tag)**



[Go to Product page](#)

1 Image

## Overview

Quantity:	50 µg
Target:	TPST2
Protein Characteristics:	AA 26-377
Origin:	Human
Source:	Baculovirus infected Insect Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This TPST2 protein is labelled with His tag.
Application:	SDS-PAGE (SDS)

## Product Details

Sequence:	ADPQQVLECR AVLAGLRSPR GAMRPEQEEL VMVGTNHVEY RYGKAMPLIF VGGVPRSGTT LMRAMLDAHP EVRCGEETRI IPRVLAMRQA WSKSGREKLR LDEAGVTDEV LDAAMQAFIL EVIAKHGPEPA RVLCKNDPFT LKSSVYLSRL FPNSKFLLMV RDGRASVHSM ITRKVTIAGF DLSSYRDCLT KWNKAIEVMY AQCMEVGKEK CLPVYYEQLV LHPRRSLKLI LDFLGIAWS AVLHHEDLIG KPGGVLSKI ERSTDQVIKP VNLEALSKWT GHIPGDVVRD MAQIAPMLAQ LGYPYANPP NYGNPDPFVI NNTQRVLKGD YKTPANLKG Y FQVNQNSTSS HLGSSHHHHH H
Purity:	> 95 % by SDS - PAGE
Endotoxin Level:	< 1.0 EU per 1 microgram of protein (determined by LAL method)

## Target Details

Target:	TPST2
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## Target Details

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Alternative Name: TPST2 ([TPST2 Products](#))

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Background: TPST2, also known as protein-tyrosine sulfotransferase 2, is the enzyme that catalyzes the sulfation reaction of protein tyrosines, a post-translational modification of proteins. This protein is a type II integral membrane protein found in the Golgi body. Compared to TPST1, TPST2 has similar tissue distribution and overlapping substrate specificity. In contrast to TPST1<sup>-/-</sup> males with normal fertility in mice, TPST2<sup>-/-</sup> males are infertile due to severe defects in sperm motility. Recombinant human TPST2, 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: 40.4kDa (361aa) 40-57KDa (SDS-PAGE under reducing conditions.)

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NCBI Accession: [NP\\_001008566](#)

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UniProt: [O60704](#)

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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.

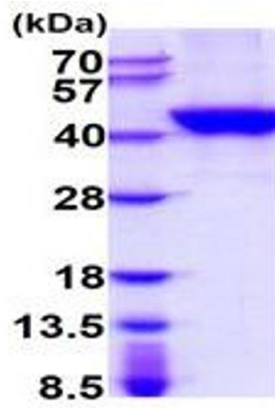
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Storage: 4 °C,-20 °C,-80 °C

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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.