

## Product datasheet

# Recombinant Human TESK1 protein ab125542

[1 Image](#)

### Description

<b>Product name</b>	Recombinant Human TESK1 protein
<b>Purity</b>	> 70 % Densitometry. Purity was determined to be >70% by densitometry. Affinity purified.
<b>Expression system</b>	Baculovirus infected Sf9 cells
<b>Accession</b>	<b><u>Q15569</u></b>
<b>Protein length</b>	Full length protein
<b>Animal free</b>	No
<b>Nature</b>	Recombinant
<b>Species</b>	Human
<b>Predicted molecular weight</b>	106 kDa including tags
<b>Amino acids</b>	1 to 626

### Specifications

Our **Abpromise guarantee** covers the use of **ab125542** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

<b>Applications</b>	Western blot SDS-PAGE
<b>Form</b>	Liquid

### Preparation and Storage

<b>Stability and Storage</b>	Shipped on dry ice. Upon delivery aliquot and store at -80°C. Avoid freeze / thaw cycles. pH: 7.50 Constituents: 0.31% Glutathione, 0.002% PMSF, 0.004% DTT, 0.79% Tris HCl, 0.003% EDTA, 25% Glycerol (glycerin, glycerine), 0.29% Sodium chloride
------------------------------	---

### General Info

<b>Function</b>	Dual specificity protein kinase activity catalyzing autophosphorylation and phosphorylation of
-----------------	--

exogenous substrates on both serine/threonine and tyrosine residues. Probably plays a central role at and after the meiotic phase of spermatogenesis.

#### Sequence similarities

Belongs to the protein kinase superfamily. TKL Ser/Thr protein kinase family.  
Contains 1 protein kinase domain.

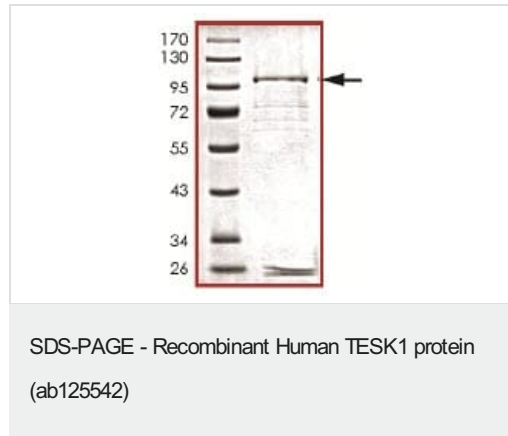
#### Domain

The extracatalytic C-terminal part is highly rich in proline residues.

#### Post-translational modifications

Autophosphorylated on serine and tyrosine residues.

## Images



SDS-PAGE analysis of ab125542.

**Please note:** All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

## Our Abpromise to you: Quality guaranteed and expert technical support

- Replacement or refund for products not performing as stated on the datasheet
- Valid for 12 months from date of delivery
- Response to your inquiry within 24 hours
- We provide support in Chinese, English, French, German, Japanese and Spanish
- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

If the product does not perform as described on this datasheet, we will offer a refund or replacement. For full details of the Abpromise, please visit <https://www.abcam.com/abpromise> or contact our technical team.

## Terms and conditions

- Guarantee only valid for products bought direct from Abcam or one of our authorized distributors