

Datasheet for 009-001-U12S**TESK1 protein-GST fusion****Overview**

Description:	TESK1 recombinant protein-GST fusion protein - 009-001-U12S
Item No.:	009-001-U12S
Size:	20 µg
Origin:	Human
Expressed in:	Sf9 cells

Product Details

Background:	TESK1 or testis-specific kinase 1 is a serine/threonine protein kinase that contains an N-terminal protein kinase domain and a C-terminal proline-rich domain which is most closely related to those of the LIM motif-containing protein kinases (LIMKs). TSK1 protein can phosphorylate myelin basic protein and histone in vitro and plays an important role at and after the meiotic phase of spermatogenesis. TSK1 is mainly expressed in testicular germ cells (1). TSK1 Protein is ideal for investigators involved in Signaling Proteins, Cellular Proteins, Cancer, and Ser/Thr Kinases research.
Synonyms:	Dual specificity testis-specific protein kinase 1, Testicular protein kinase 1
Species of Origin:	Human
Expressed in:	Sf9 cells
Type:	Recombinant Protein

Target Details

Gene Name:	TESK1
Purity/Specificity:	Recombinant full-length human TSK1 was expressed by baculovirus in Sf9 insect cells using an N-Terminal Glutathione-S-Transferase fusion protein. The purity was determined to be >70% by densitometry.
Relevant Links:	• NCBI - NM_006285

Application Details

Application Note:	TESK1 Protein is stored in 50mM Tris-HCl, pH 7.5, 50mM NaCl, 10mM glutathione, 0.1mM EDTA, 0.25mM DTT, 0.1mM PMSF, 25% glycerol. TESK1 Protein is suitable for use in Western Blot. Expect a band approximately ~106kDa on specific lysates or tissues. Specific conditions for reactivity should be optimized by the end user.
Assay Dilutions:	All assays should be optimized by the user. Recommended dilutions (if any) may be listed below.
WB:	User Optimized

Formulation

Physical State:	Liquid (sterile filtered)
Concentration:	0.1 µg/µL
Buffer:	See application note.

Shipping & Handling

Shipping Condition:	Dry Ice
Storage Condition:	Store product at -70°C. For optimal storage, aliquot target into smaller quantities after centrifugation and store at recommended temperature. For most favorable performance, avoid repeated handling and multiple freeze/thaw cycles.
Expiration:	Expiration date is one (1) year from date of receipt.

Disclaimer

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