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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Datasheet for 009-001-T62S

STK31 protein-GST fusion**Overview**

Description:	STK31 recombinant protein-GST fusion protein - 009-001-T62S
Item No.:	009-001-T62S
Size:	20 µg
Origin:	Human
Expressed in:	Sf9 cells

Product Details

Background:	STK31 is a serine/threonine protein kinase that contains a tudor domain found in RNA-interacting proteins, and a coiled-coil domain. Tudor domains are found in many eukaryotic organisms and have been implicated in protein-protein interactions in which methylated protein substrates bind to these domains. The STK31 gene is conserved across many species and was originally identified as a gene expressed in mouse spermatogonia but not in somatic tissues (1). STK31 has been shown to be specifically expressed in the human testis. STK31 Protein is ideal for investigators involved in Signaling Proteins, Cellular Proteins, Cardiovascular Disease, ERK/MAPK Pathway, Neurobiology, PKA/PKC Pathway, and Ser/Thr Kinases research.
Synonyms:	SGK396, TDRD8, Serine/threonine-protein kinase 31, Serine/threonine-protein kinase NYD-SPK, Sugen kinase 396, SgK396, STK31
Species of Origin:	Human
Expressed in:	Sf9 cells
Type:	Recombinant Protein

Target Details

Gene Name:	STK31
Purity/Specificity:	Recombinant human STK31 (496-end) was expressed by baculovirus in Sf9 insect cell using an N-Terminal Glutathione-S-Transferase fusion protein. The purity was determined to be >80% by densitometry.
Relevant Links:	<ul style="list-style-type: none">• NCBI - NM_031414

Application Details

Application Note:	STK31 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. STK31 Protein is suitable for use in Western Blot. Expect a band approximately ~86kDa 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

This product is for research use only and is not intended for therapeutic or diagnostic applications. Please contact a technical service representative for more information. All products of animal origin manufactured by Rockland Immunochemicals are derived from starting materials of North American origin. Collection was performed in United States Department of Agriculture (USDA) inspected facilities and all materials have been inspected and certified to be free of disease and suitable for exportation. All properties listed are typical characteristics and are not specifications. All suggestions and data are offered in good faith but without guarantee as conditions and methods of use of our products are beyond our control. All claims must be made within 30 days following the date of delivery. The prospective user must determine the suitability of our materials before adopting them on a commercial scale. Suggested uses of our products are not recommendations to use our products in violation of any patent or as a license under any patent of Rockland Immunochemicals, Inc. If you require a commercial license to use this material and do not have one, then return this material, unopened to: Rockland Inc., P.O. BOX 5199, Limerick, Pennsylvania, USA.

