

## Datasheet for 009-001-T26S

**SCYL1 protein-GST fusion****Overview**

<b>Description:</b>	SCYL1 recombinant protein-GST fusion protein - 009-001-T26S
<b>Item No.:</b>	009-001-T26S
<b>Size:</b>	20 µg
<b>Origin:</b>	Human
<b>Expressed in:</b>	Sf9 cells

**Product Details**

<b>Background:</b>	SCYL1 is a transcriptional regulator belonging to the SCY1-like family of kinase-like proteins. SCYL1 has a divergent N-terminal kinase domain that is thought to be catalytically inactive, and can bind specific DNA sequences through its C-terminal domain. SCYL1 activates transcription of the telomerase reverse transcriptase and DNA polymerase beta genes. SCYL1 forms multimers following transfection into COS-7 cells (1). A SCYL1 binding protein has been identified that co-localized with SCYL1 in cytoplasm and shows ubiquitous expression (2). SCYL1 Protein is ideal for investigators involved in Signaling Proteins, Cellular Proteins, Inflammation, Invasion/Metastasis, and Neurobiology research.
<b>Synonyms:</b>	GKLP, HT019, NKTL, NTKL, P105, TAPK, TEIF, TRAP, N-terminal kinase-like protein, Coated vesicle-associated kinase of 90 kDa, SCY1-like protein 1, Telomerase regulation-associated protein, Telomerase transcriptional element-interacting factor, Teratoma-associated tyrosine kinase
<b>Species of Origin:</b>	Human
<b>Expressed in:</b>	Sf9 cells
<b>Type:</b>	Recombinant Protein

**Target Details**

<b>Gene Name:</b>	SCYL1
<b>Purity/Specificity:</b>	Recombinant human SCYL1 (1-556) was expressed by baculovirus in Sf9 insect cells using an N-Terminal Glutathione-S-Transferase fusion protein. The purity was determined to be >95% by densitometry.
<b>Relevant Links:</b>	<ul style="list-style-type: none"><li>• <a href="#">NCBI - NM_020680</a></li></ul>

## Application Details

<b>Application Note:</b>	SCYL1 Protein is stored in 50mM Tris-HCl, pH 7.5, 150mM NaCl, 10mM glutathione, 0.1mM EDTA, 0.25mM DTT, 0.1mM PMSF, 25% glycerol. SCYL1 Protein is suitable for use in Western Blot. Expect a band approximately ~85kDa on specific lysates or tissues. Specific conditions for reactivity should be optimized by the end user.
<b>Assay Dilutions:</b>	All assays should be optimized by the user. Recommended dilutions (if any) may be listed below.
<b>WB:</b>	User Optimized

## Formulation

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

## Shipping & Handling

<b>Shipping Condition:</b>	Dry Ice
<b>Storage Condition:</b>	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.
<b>Expiration:</b>	Expiration date is one (1) year from date of receipt.

## Disclaimer

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[www.rockland.com](http://www.rockland.com)  
[tech@rockland.com](mailto:tech@rockland.com)  
+1 484.791.3823