

Datasheet for 009-001-T26S**SCYL1 protein-GST fusion****Overview**

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

Product Details

Background:	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.
Synonyms:	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
Species of Origin:	Human
Expressed in:	Sf9 cells
Type:	Recombinant Protein

Target Details

Gene Name:	SCYL1
Purity/Specificity:	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.
Relevant Links:	• NCBI - NM_020680

Application Details

Application Note:	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.
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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