

Datasheet for 009-001-T07S**PSKH1 protein-GST fusion****Overview**

Description:	PSKH1 recombinant protein-GST fusion protein - 009-001-T07S
Item No.:	009-001-T07S
Size:	20 µg
Origin:	Human
Expressed in:	Sf9 cells

Product Details

Background:	PSKH1 is a member of the family of protein serine kinase H1 which was originally cloned by homology probing (1). PSKH1 has been localized to the endoplasmic reticulum (ER), the Golgi apparatus, and the plasma membrane (PM). PSKH1 has been shown to play a structural and regulatory role in maintenance of the Golgi apparatus, which is a key organelle within the secretory pathway. PSKH1 is in a cluster of 5 unrelated genes on 16q22.1 chromosome which is transcribed in the opposite direction from that of LCAT which is a member of the same cluster (2). PSKH1 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:	Serine/threonine-protein kinase H1, Protein serine kinase H1, PSK-H1
Species of Origin:	Human
Expressed in:	Sf9 cells
Type:	Recombinant Protein

Target Details

Gene Name:	PSKH1
Purity/Specificity:	Recombinant human PSKH1 (2-end) 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_006742

Application Details

Application Note:	PSKH1 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. PSKH1 Protein is suitable for use in Western Blot. Expect a band approximately ~72kDa 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:	0.05 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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