

Product Information

PSKH1, GST-tagged, human recombinant, expressed in *Sf9* cells

Catalog Number **SRP5366**
Storage Temperature -70°C

Product Description

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

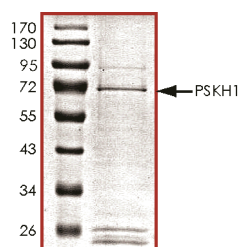
Recombinant human PSKH1 (2-end) was expressed by baculovirus in *Sf9* insect cells using an N-terminal GST-tag. The gene accession number is NM_006742. It is supplied in 50 mM Tris-HCl, pH 7.5, 50 mM NaCl, 10 mM glutathione, 0.1 mM EDTA, 0.25 mM DTT, 0.1 mM PMSF, and 25% glycerol.

Molecular mass: ~72 kDa

The enzymatic activity of this product has not been determined.

Figure 1.

SDS-PAGE Gel of Typical Lot:
 $\geq 70\%$ (SDS-PAGE, densitometry)



Precautions and Disclaimer

This product is for R&D use only, not for drug, household, or other uses. Please consult the Material Safety Data Sheet for information regarding hazards and safe handling practices.

Storage/Stability

The product ships on dry ice and storage at -70°C is recommended. After opening, aliquot into smaller quantities and store at -70°C . Avoid repeated handling and multiple freeze/thaw cycles.

References

1. Hanks, S. K. et al., Homology probing: identification of cDNA clones encoding members of the protein-serine kinase family. *Proc. Nat. Acad. Sci.*, **84**, 388-392 (1987).
2. Larsen, F. et al., A tight cluster of five unrelated human genes on chromosome 16q22.1. *Hum. Molec. Genet.*, **2**, 1589-1595 (1993).

RC,MAM 10/12-1