

Datasheet for ABIN7558798

PSTK Protein (AA 1-359) (His tag)



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Overview

Quantity:	1 mg
Target:	PSTK
Protein Characteristics:	AA 1-359
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This PSTK protein is labelled with His tag.
Application:	SDS-PAGE (SDS), Western Blotting (WB)

Product Details

Purpose:	Custom-made recombinat Pstk Protein expressed in mammalien cells.
Sequence:	MKTAAARGAT RRDGQPKLGL CVLCGLPAAG KSTFARALAL RLRRERGWAV GVLSYDDVLP LALPDCDGTQ PRPSQWKMFQ QELLKHLECF LVAVISGAQM SAPPNRTEAV WEDFITCLKS QDLMIFPTAL EAQPCHLLAK PAVSRPLFLV LDDNFYYQSM RYEVYQLARK YSLGFCQLFL DCPLETCLKR NGERSQPLPD ETIQLMGRKI EKPNEKNAW EHNSLIQSS ACSLEASLEV TGLLLTALEN PIKCVEDNTE QKETDRIICS TNILHKADET LRRTVSQTMR EAKDEQIPLN NLKHIAEELN KLKADVLEDL RQGNRKYLCF QQTDLSDII SSFCKERDTI VQKYFSKQH Sequence without tag. The proposed Purification-Tag is based on experiences with the expression system, a different complexity of the protein could make another tag necessary. In case you have a special request, please contact us.
Characteristics:	Key Benefits:

Product Details

- Made to order protein - from design to production - by highly experienced protein experts.
- Protein expressed in mammalian cells and purified in one-step affinity chromatography
- The optimized expression system ensures reliability for intracellular, secreted and transmembrane proteins.
- State-of-the-art algorithm used for plasmid design (Gene synthesis).

This protein is a made-to-order protein and will be made for the first time for your order. Our experts in the lab try to ensure that you receive soluble protein.

If you are not interested in a full length protein, please contact us for individual protein fragments.

The big advantage of ordering our made-to-order proteins in comparison to ordering custom made proteins from other companies is that there is no financial obligation in case the protein cannot be expressed or purified.

Purity:	> 90 % as determined by Bis-Tris Page, Western Blot
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Grade:	custom-made
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Target Details

Target:	PSTK
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Alternative Name:	Pstk (PSTK Products)
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Background:	L-seryl-tRNA(Sec) kinase (EC 2.7.1.164) (O-phosphoseryl-tRNA(Sec) kinase),FUNCTION: Specifically phosphorylates seryl-tRNA(Sec) to O-phosphoseryl-tRNA(Sec), an activated intermediate for selenocysteine biosynthesis. No activity with other tRNAs has been detected. {ECO:0000269 PubMed:15317934}.
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Molecular Weight:	40.8 kDa
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UniProt:	Q8BP74
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Application Details

Application Notes:	In addition to the applications listed above we expect the protein to work for functional studies as well. As the protein has not been tested for functional studies yet we cannot offer a guarantee though.
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Restrictions:	For Research Use only
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Handling

Format:	Liquid
Buffer:	The buffer composition is at the discretion of the manufacturer.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-80 °C
Storage Comment:	Store at -80°C.
Expiry Date:	12 months