

Datasheet for ABIN7555084

## PSIP1 Protein (AA 1-530) (His tag)



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### Overview

Quantity:	1 mg
Target:	PSIP1
Protein Characteristics:	AA 1-530
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This PSIP1 protein is labelled with His tag.
Application:	SDS-PAGE (SDS), Western Blotting (WB)

### Product Details

Purpose:	Custom-made recombinat PSIP1 Protein expressed in mammalian cells.
Sequence:	<p>MTRDFKPGDL IFAKMKGYPH WPARVDEVPD GAVKPPTNKL PIFFFGTHET AFLGPKDIFP  YSENKEYGK PNKRKGFNEG LWEIDNNPKV KFSSQQAATK QSNASSDVEV EEKETSVSKE  DTDHEEKASN EDVTKAVDIT TPKAARRGRK RKAQKQVETE EAGVTTATA SVNLVSPKR  GRPAATEVKI PKPRGRPKMV KQPCPSESDI ITEEDKSKKK GQEEKQPKKQ PKKDEEGQKE  EDKPRKEPDK KEGKKEVESK RKNLAKTGVT STSDSEEEGD DQEGEKRRKG GRNFQTAHRR  NMLKGQHEKE AADRKRKQEE QMETEQQNKD EGKKPEVKKV EKKRETSMDs RLQRIHAEIK  NSLKIDNLDV NRCIEALDEL ASLQVTMQQA QKHEMITTL KKIRRFKVSQ VIMEKSTMLY  NKFKNMFLVG EGDSVITQVL NKSLAEQRQH EEANKTKDQG KKGPNKKLEK EQTGSKTLLG  GSDAQDGNQP QHNGESNEDS KDNHEASTKK KPSSEERETE ISLKDSTLDN <b>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</b></p>

### special request, please contact us.

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#### Characteristics:

#### Key Benefits:

- 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

#### Grade:

custom-made

## Target Details

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#### Target:

PSIP1

#### Alternative Name:

PSIP1 ([PSIP1 Products](#))

#### Background:

PC4 and SFRS1-interacting protein (CLL-associated antigen KW-7) (Dense fine speckles 70 kDa protein) (DFS 70) (Lens epithelium-derived growth factor) (Transcriptional coactivator p75/p52),FUNCTION: Transcriptional coactivator involved in neuroepithelial stem cell differentiation and neurogenesis. Involved in particular in lens epithelial cell gene regulation and stress responses. May play an important role in lens epithelial to fiber cell terminal differentiation. May play a protective role during stress-induced apoptosis. Isoform 2 is a more general and stronger transcriptional coactivator. Isoform 2 may also act as an adapter to coordinate pre-mRNA splicing. Cellular cofactor for lentiviral integration.  
{ECO:0000269|PubMed:15642333}.

#### Molecular Weight:

60.1 kDa

#### UniProt:

[O75475](#)

## Target Details

Pathways: [Chromatin Binding](#), [Ribonucleoprotein Complex Subunit Organization](#)

## 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.
Restrictions:	For Research Use only

## 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