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Datasheet for ABIN1623532

PSIP1 Protein (AA 1-528) (His tag)

Overview

Quantity:	1 mg
Target:	PSIP1
Protein Characteristics:	AA 1-528
Origin:	Rat
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This PSIP1 protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	<p>MTRDFKPGDL IFAKMKGYPH WPARVDEVPD GAVKPPTNKL PIFFFGTHET AFLGPKDIFP</p> <p>YSENKEYGK PNKRKGFNEG LWEIDNNPKV KFSSQQVSTK QSNASSDVEA EEKETSVSKE</p> <p>DTDQEEKASN EDVTKAADIT TPKAARRGRK RKAQKQVDTE EAGVTAATA SNVKASPKRG</p> <p>RPAATEVKIP KPRGRPKVVK QPCPSESDMV IDEDKSKKKG PEEKPPKKQL KKEEEGQKEE</p> <p>EKPRKEPDKK EGKKEVESKR KNLAKPGVTS TSDSEEDDDQ EGEKKRKGGR HFQAAHRRNM</p> <p>LKGQHEKEAA DRKRKQEEQM ETEQQTDEG KKPEVKKVEK KRETSMDSRL QRIHAEIKNS</p> <p>LKIDNLDVNR CIEALDELAS LQVTMQQAQK HTEMITTLKK IRRFKVSQVI MEKSTMLYNK</p> <p>FKNMFLVGEG DSVITQVLNK SLAEQRQHEE ANKTKDQGGK GPNKKLEKEQ TGTKSLNGGS</p> <p>DAQESNHPQH NGDSAESKD SREAGSCTKT PGEERAEVS LKESTLDN</p>
Specificity:	Rattus norvegicus (Rat)
Characteristics:	Please inquire if you are interested in this recombinant protein expressed in E. coli, mammalian cells or by baculovirus infection. Be aware about differences in price and lead time.

Product Details

Purity: > 90 %

Target Details

Target: PSIP1

Alternative Name: PC4 and SFRS1-interacting protein (Psp1) ([PSIP1 Products](#))

Background: Recommended name: PC4 and SFRS1-interacting protein.
Alternative name(s): Lens epithelium-derived growth factor

UniProt: [Q812D1](#)

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

Application Details

Comment: The yeast protein expression system is the most economical and efficient eukaryotic system for secretion and intracellular expression. A protein expressed by the mammalian cell system is of very high-quality and close to the natural protein. But the low expression level, the high cost of medium and the culture conditions restrict the promotion of mammalian cell expression systems. The yeast protein expression system serve as a eukaryotic system integrate the advantages of the mammalian cell expression system. A protein expressed by yeast system could be modified such as glycosylation, acylation, phosphorylation and so on to ensure the native protein conformation. It can be used to produce protein material with high added value that is very close to the natural protein. Our proteins produced by yeast expression system has been used as raw materials for downstream preparation of monoclonal antibodies.

Restrictions: For Research Use only

Handling

Format: Lyophilized

Concentration: 0.2-2 mg/mL

Buffer: Tris-based buffer, 50 % glycerol

Handling Advice: Repeated freezing and thawing is not recommended. Store working aliquots at 4 °C for up to one week

Storage: -20 °C

Storage Comment: Store at -20 °C, for extended storage, conserve at -20 °C or -80 °C.