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Datasheet for ABIN7551071
PSRC1 Protein (AA 1-363) (His tag)

Overview

Quantity:	1 mg
Target:	PSRC1
Protein Characteristics:	AA 1-363
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This PSRC1 protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS)

Product Details

Purpose:	Custom-made recombinat PSRC1 Protein expressed in mammalian cells.
Sequence:	MEDLEEDVRF IVDETLDFGG LSPSDSREEE DITVLVTPEK PLRRGLSHRS DPNVAVAPAQ GVRLSLGPLS PEKLEELDE ANRLAAQLEQ CALQDRESAG EGLGPRRVKP SPRRETFVLK DSPVRDLLPT VNSLTRSTPS PSSLTPLRLS NDRKGSVRAL RATSGKRPSN MKRESPTCNL FPASKSPASS PLTRSTPPVR GRAGPSGRAA ASEETRAAKL RVSGSGEFVG LTLKFLHPSP PGPPTPIRSV LAPQPSTSNS QRLPRPQGAA AKSSSQLPIP SAIPRPASRM PLTSRSVPPG RGALPPDSLS TRKGLPRPST AGHRVRESGH KVPVSQRLNL PVMGATRSNL QPPRKVAVPG PTR 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:	PSRC1
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Alternative Name:	PSRC1 (PSRC1 Products)
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Background:	Proline/serine-rich coiled-coil protein 1,FUNCTION: Required for normal progression through mitosis. Required for normal congress of chromosomes at the metaphase plate, and for normal rate of chromosomal segregation during anaphase. Plays a role in the regulation of mitotic spindle dynamics. Increases the rate of turnover of microtubules on metaphase spindles, and contributes to the generation of normal tension across sister kinetochores. Recruits KIF2A and ANKRD53 to the mitotic spindle and spindle poles. May participate in p53/TP53-regulated growth suppression. {ECO:0000269 PubMed:18411309, ECO:0000269 PubMed:19738423, ECO:0000269 PubMed:26820536}.
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Molecular Weight:	38.8 kDa
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UniProt:	Q6PGN9
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Application Details

Application Notes:	In addition to the applications listed above we expect the protein to work for functional studies
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Application Details

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
