

Datasheet for ABIN7564724

SSX2IP Protein (AA 1-615) (His tag)



[Go to Product page](#)

Overview

Quantity:	1 mg
Target:	SSX2IP
Protein Characteristics:	AA 1-615
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This SSX2IP protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant Ssx2ip Protein expressed in mammalian cells.
Sequence:	<p>MGDWMTVTDP VLCTENKNLS QYTSETKMSP SSLYSQQVLC SSVPLSKNVH GVFGVFCTGE</p> <p>NIEQSISYLD QELTTFGFPS LYEEKSKEA KRELNIVAVL NCMNELLVLQ RKNLLAQESV</p> <p>ETQNLKLGSD MDHLQSCYAK LKEQLETSRR EMIGLQERDR QLQCKNRS�H QLLKNEKDEV</p> <p>QKLQNIASR ATQYNHDVKN KEREYNKLKE RLHQLVMNKK DKNIAMDVLN YVGRADGKRG</p> <p>SWRTDKTEAR NEDEMYKILL NDYEYRQKQI LMENAEKVKV LQQMKKEMIS LLSPQKKKPR</p> <p>ERAEDGTGTV AISDIEDDSG ELSRDSVWGL SCDTVREQLT NSIRKQWRIL KSHVEKLDNQ</p> <p>ASKVHSEGLN EEDVISRQDH EQETEKLELE IERCKEMIKA QQQLLQQQLA TTCDDDTTSL</p> <p>LRDCYLLEEK ERLKEEWTLF KEQKKNFERE RRSFTEAAIR LGLERKAFEE ERASWVKQQF</p> <p>LNMTNFDHQN SENVKLFSAF SGSSDPDNLI VHSRPRQKKL HSVANGVPAC TSKLTKSLPA</p> <p>SPSTSDFRQT HSCVSEHSSI SVLNITPEES KPSEVAREST DQKWSVQSRP SSREGCYSGC</p> <p>SSAFRSAHGD RDDLP Sequence without tag. The proposed Purification-Tag is based on experiences with the expression system, a different complexity of the protein could make</p>

another tag necessary. In case you have a special request, please contact us.

Specificity: If you are looking for a specific domain and are interested in a partial protein or a different isoform, please contact us regarding an individual offer.

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, anti-tag ELISA, Western Blot and analytical SEC (HPLC)

Grade: custom-made

Target Details

Target: SSX2IP

Alternative Name: Ssx2ip ([SSX2IP Products](#))

Background: Afadin- and alpha-actinin-binding protein (ADIP) (Afadin DIL domain-interacting protein),FUNCTION: Belongs to an adhesion system, which plays a role in the organization of homotypic, interneuronal and heterotypic cell-cell adherens junctions (AJs). May connect the nectin-afadin and E-cadherin-catenin system through alpha-actinin and may be involved in organization of the actin cytoskeleton at AJs through afadin and alpha-actinin (PubMed:12446711). Acts as a centrosome maturation factor, probably by maintaining the integrity of the pericentriolar material and proper microtubule nucleation at mitotic spindle poles. The function seems to implicate at least in part WRAP73, the SSX2IP:WRAP73 complex is proposed to act as regulator of spindle anchoring at the mitotic centrosome (By similarity). Involved in cell movement: localizes at the leading edge of moving cells in response to PDGF

Target Details

and is required for the formation of the leading edge and the promotion of cell movement, possibly via activation of Rac signaling (PubMed:22027834). Involved in ciliogenesis (By similarity). It is required for targeted recruitment of the BBSome, CEP290, RAB8, and SSTR3 to the cilia (By similarity). {ECO:0000250|UniProtKB:Q9Y2D8, ECO:0000269|PubMed:12446711, ECO:0000269|PubMed:22027834}.

Molecular Weight:	71.0 kDa
UniProt:	Q8VC66

Application Details

Application Notes:	We expect the protein to work for functional studies. 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