

Datasheet for ABIN7561098  
**SH2D4A Protein (AA 1-421) (His tag)**



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## Overview

Quantity:	1 mg
Target:	SH2D4A
Protein Characteristics:	AA 1-421
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This SH2D4A protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS)

## Product Details

Purpose:	Custom-made recombinat Sh2d4a Protein expressed in mammalien cells.
Sequence:	<p>MLRQILSDMF IDPDLLAELS EEQKQILFYK MREEQIRRWK EREAAMERKE SLPVKSRPKK ENGKSVHWKL GADKQVWVWV MGEHHLDPKY DVLCDEILAE REHLRAAKDS ELRKTQSLEL ANSLKIKSQN CDLQAMKKTE PQNVTRKAAS EEASGQGPRA IPTRKDDKAQ TKPVKEKDHE EMKQTEDEKT KQIYKSWKED SEWQASLRKS KAADEKRRSL AKQAREDYKR LSQRGRSGDG LQNPLTGPQK PRRPPLPPKP QFLQPLGIPP KSLGNQGVIR TEISSAQMDT IRWFKEEQLP FRAGYQKNSD TIAPWFHGIL TLKKANELLS TGVPGSFLIR VSEKIKGYAL SYLSEEGCKH FLIDASANSY SFLGVDQLQH ATLADLVEYH KEEPITSLGK ELLLYPCGQQ DKLPDYLELF Q</p> <p><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.</b></p> <p><b>In case you have a special request, please contact us.</b></p>
Characteristics:	Key Benefits:

## Product Details

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- 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.

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

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Target:	SH2D4A
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Alternative Name:	Sh2d4a ( <a href="#">SH2D4A Products</a> )
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Background:	SH2 domain-containing protein 4A,FUNCTION: Inhibits estrogen-induced cell proliferation by competing with PLCG for binding to ESR1, blocking the effect of estrogen on PLCG and repressing estrogen-induced proliferation (By similarity). May play a role in T-cell development and function. {ECO:0000250, ECO:0000269 PubMed:18641339}.
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Molecular Weight:	48.5 kDa
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UniProt:	<a href="#">Q9D7V1</a>
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## Application Details

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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

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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