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Datasheet for ABIN7545998  
**SH2D2A Protein (AA 1-389) (His tag)**

## Overview

Quantity:	1 mg
Target:	SH2D2A
Protein Characteristics:	AA 1-389
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This SH2D2A protein is labelled with His tag.

## Product Details

Purpose:	Custom-made recombinant SH2D2A Protein expressed in mammalian cells.
Sequence:	MEFPLAQICP QGSHEAPIPT FSTFQITDMT RRSCQNLGYT AASPQAPEAA SNTGNAERAE EVPGEGLSLFL QAETRAWFQK TQAHWLLQHG AAPAWFHGFI TRREAERLLE PKPQGICYLVR FSESAVTFVL TYRSRTCCRH FLLAQLRDGR HWVLGEDSAH ARLQDLLLHY TAHPLSPYGE TLTEPLARQT PEPAGLSLRT EESNFGSKSQ DPNPQYSPII KQGQAPVPMQ KEGAGEKEPS QLLRPKPIIP AKPQLPPEVY TIPVPRHRPA PRPKPSNPIY NEPDEPIAFY AMGRGSPGEA PSNIYVEVED EGLPATLGHP VLRKSWSRPV PGGQNTGGSQ LHSSENSVIGQ GPPLPHQPPP AWRHTLPHNL SRQVLQDRGQ AWLPLGPPQ <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 special request, please contact us.</b>
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.

## Product Details

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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.

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### Purity:

> 90 % as determined by Bis-Tris PAGE, anti-tag ELISA, Western Blot and analytical SEC (HPLC)

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### Grade:

custom-made

## Target Details

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### Target:

SH2D2A

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### Alternative Name:

SH2D2A ([SH2D2A Products](#))

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### Background:

SH2 domain-containing protein 2A (SH2 domain-containing adapter protein) (T cell-specific adapter protein) (TSAd) (VEGF receptor-associated protein),FUNCTION: Could be a T-cell-specific adapter protein involved in the control of T-cell activation. May play a role in the CD4-p56-LCK-dependent signal transduction pathway. Could also play an important role in normal and pathological angiogenesis. Could be an adapter protein that facilitates and regulates interaction of KDR with effector proteins important to endothelial cell survival and proliferation.

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### Molecular Weight:

42.9 kDa

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### UniProt:

[Q9NP31](#)

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### Pathways:

[Signaling Events mediated by VEGFR1 and VEGFR2, VEGF Signaling](#)

## Application Details

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### Application Notes:

We expect the protein to work for functional studies. As the protein has not been tested for

## Application Details

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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

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Buffer: The buffer composition is at the discretion of the manufacturer.

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Handling Advice: Avoid repeated freeze-thaw cycles.

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Storage: -80 °C

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Storage Comment: Store at -80°C.

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Expiry Date: 12 months

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