

Datasheet for ABIN7544050  
**STYXL1 Protein (AA 1-313) (His tag)**



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## Overview

Quantity:	1 mg
Target:	STYXL1
Protein Characteristics:	AA 1-313
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This STYXL1 protein is labelled with His tag.

## Product Details

Purpose:	Custom-made recombinant STYXL1 Protein expressed in mammalian cells.
Sequence:	MPGLLLCEPT ELYNILNQAT KLSRLTDPNY LCLLDVRSKW EYDESHVITA LRVKKKNNEY LLPESVDLEC VKYCVVYDNN SSTLEILLKD DDDSDSDGD GKDLVPQAAI EYGRILRLT HHPVYILKGG YERFSGTYHF LRTQKIWMP QELDAFQPYP IEIVPGKVFV GNFSQACDPK IQKDLKIKAH VNVSMGTGPF FAGDADKLLH IRIEDSPEAQ ILPFLRHMCH FIEIHHLGSG VILIFSTQGI SRSCAIIAY LMHSNEQTLQ RSWAYVKKCK NNMCPNRLV SQLLEWEKTI LGDSITNIMD PLY <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.
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, anti-tag ELISA, Western Blot and analytical SEC (HPLC)
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Grade:	custom-made
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## Target Details

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Target:	STYXL1
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Alternative Name:	STYXL1 ( <a href="#">STYXL1 Products</a> )
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Background:	Serine/threonine/tyrosine-interacting-like protein 1 (Dual specificity phosphatase inhibitor MK-STYX) (Dual specificity protein phosphatase 24) (Inactive dual specificity protein phosphatase MK-STYX) (Map kinase phosphatase-like protein MK-STYX),FUNCTION: Catalytically inactive phosphatase (PubMed:20180778, PubMed:23163895). By binding to G3BP1, inhibits the formation of G3BP1-induced stress granules (PubMed:20180778, PubMed:23163895). Does not act by protecting the dephosphorylation of G3BP1 at 'Ser-149' (PubMed:23163895). Inhibits PTPMT1 phosphatase activity (PubMed:24709986). By inhibiting PTPMT1, positively regulates intrinsic apoptosis (PubMed:21262771). May play a role in the formation of neurites during neuronal development (PubMed:29250526). {ECO:0000269 PubMed:20180778, ECO:0000269 PubMed:21262771, ECO:0000269 PubMed:23163895, ECO:0000269 PubMed:24709986, ECO:0000269 PubMed:29250526}.
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Molecular Weight:	35.8 kDa
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UniProt:	<a href="#">Q9Y6J8</a>
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## 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 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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