

Datasheet for ABIN7555494

**Shroom Family Member 4 (SHROOM4) (AA 1-1493) protein
(His tag)**[Go to Product page](#)

Overview

Quantity:	1 mg
Target:	Shroom Family Member 4 (SHROOM4)
Protein Characteristics:	AA 1-1493
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	His tag

Product Details

Purpose:	Custom-made recombinant SHROOM4 Protein expressed in mammalian cells.
Sequence:	<p>MENRPGSFQY VPVQLQGGAP WGFTLKGGLE HCEPLTVSKI EDGGKAALSQ KMRTGDELVN INGTPLYGSR QEALILIKGS FRILKLIVRR RNAPVSRPHS WHVAKLLEGC PEAATTMHFP SEAFSLSWHS GCNTSDVCVQ WCPLSRHCST EKSSSIGSME SLEQPGQATY ESHLLPIDQN MYPNQRDSAY SSFASASSNAS DCALSLRPEE PASTDCIMQG PGPTKAPSGR PNVAETSGGS RRTNGGHLTP SSQMSSRPQE GYQSGPAKAV RGPPQPPVRR DSLQASRAQL LNQEQRRASE PVVPLPQKEK LSLEPVLPAR NPNRFCCLSG HDQVTSEGHQ NCEFSQPPE SQQGSEHLLM QASTKAVGSP KACDRASSVD SNPLNEASAE LAKASFGRPP HLIGPTGHRH SAPEQLLASH LQHVHLDTRG SKGMELPPVQ DGHQWTL SPL HSSHKGKKSP CPPTGGTHDQ SSKERKTRQV DDRSLVLGHQ SQSSPPHGEA DGHPSEKGF L DPNRTSRAAS ELANQQPSAS GSLVQQATDC SSTTKAASGT EAGEEGDSEP KECSRMGRR SGGTRGRSIQ NRRKSERFAT NLRNEIQRK AQLQKSKGPL SQLCDTKEPV EETQEPPESP PLTASNTSLL SSCKKPPSPR DKLFNKSMML RARSSECLSQ APESHESRTG LEGRISPGQR PGQSSLGLNT WWKAPDPSSS DPEKAHAHCG</p>

VRGGHWRWSP EHNSQPLVAA AMEGPSNPGD NKELKASTAQ AGEDAILLPF ADRRKFFEES
SKSLSTSHLP GLTTHSNKTF TQRPKPIDQN FQPMSSSCRE LRRHPMDQSY HSADQPYHAT
DQSYHMSPL QSETPTYSEC FASKGLENSM CCKPLHCGDF DYHRTCSYSC SVQGALVHDP
CIYCSGEICP ALLKRNMPN CYNCRCHHHQ CIRCSVCYHN PQHSALEDSS LAPGNTWKPR
KLTVQEFPGD KWNPITGNRK TSQSGREMAH SKTSFSWATP FHPCLNPAL DLSSYRAISS
LDLLGDFKHA LKKSEETSVY EEGSSLASMP HPLRSRAFSE SHISLAPQST RAWGQHRREL
FSKGDQSD LLGARKKAFP PPRPPPPNWE KYRLFRAAQ QKQQQQQKQ QEEEEEEEE
EEEEEEEEEE EAEIEEEELP PQYFSSETSG SCALNPEEVL EQPQLSFGH LEGSRQGSQS
VPAEQESFAL HSSDFLPPIR GHLGSQPEQA QPPCYYGIGG LWRTSGQEAT ESAKQEFQHF
SPPSGAGIP TSYSAYYNIS VAKAELLNKL KDQPEMAEIG LGEEVDHEL AQKKIQLIES
ISRKLSVLRE AQRGLLEDIN ANSALGEEVE ANLKAVCKSN EFEKYHLFVG DLDKVVNLLL
SLSGRLARVE NALNSIDSEA NQEKLVLIEK KQLTGQLAD AKELKEHVDR REKLVFGMVS
RYLPQDQLQD YQHFVKMKA LIIEQRELEE KIKLGEEQLK CLRESLLLGP SNF **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.**

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:	Shroom Family Member 4 (SHROOM4)
Alternative Name:	SHROOM4 (SHROOM4 Products)
Background:	Protein Shroom4 (Second homolog of apical protein),FUNCTION: Probable regulator of cytoskeletal architecture that plays an important role in development. May regulate cellular and cytoskeletal architecture by modulating the spatial distribution of myosin II (By similarity). {ECO:0000250, ECO:0000269 PubMed:16684770}.
Molecular Weight:	164.9 kDa
UniProt:	Q9ULL8

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