

Datasheet for ABIN7546168
SH3RF2 Protein (AA 1-729) (His tag)



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Overview

Quantity:	1 mg
Target:	SH3RF2
Protein Characteristics:	AA 1-729
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This SH3RF2 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant SH3RF2 Protein expressed in mammalian cells.
Sequence:	MDDLTLDDL ECPVCFEKLD VTAKVLPCQH TFCKPCLQRV FKAHKELRCP ECRTPVFSNI EALPANLLLV RLLDGVRSGQ SSGRGGSFRR PGTMTLQDGR KSRTNPRRLQ ASPFRLVPNV RIHMDGVPR KALCNYRGQN PGDLRFNKGD IILLRRLQDE NWYQGEINGI SGNFPASSVE VIKQLPQPPP LCRALYNFDL RGKDKSENQD CLTFLKDDII TVISRVDENW AEGKLGDKVG IFPILFVEPN LTARHILLEKN KGRQSSRTKN LSLVSSSSRG NTSTLRRGPG SRRKVPQQFS ITTALNTLNR MVHSPSGRHM VEISTPVLIS SSNPSVITQP MEKADVSSC VGQVSTYHPA PVSPGHSTAV VSLPGSQHL SANMFVALHS YSAHGPDELD LQKGEGVRVL GKCQDGWLRG VSLVTGRVGI FPNNYVIPF RKTSSFPDSR SPGLYTTWTL STSSVSSQGS ISEGDPQRS PFKSVFVPTA IVNPVRSTAG PGTGQGLSLR KGRSSMRKNG SLQRPLQSGI PTLVVGSLRR SPTMVLRPQQ FQFYQPQIP SSPSAVVEM GSKPALTGEP ALTCISRGSE AWIHSAASSL IMEDKEIPIK SEPLPKPPAS APPSILVKPE NSRNGIEKQV KTVRFQNYSP PPTKHYTSH TSGKPEQPAT LKASQPEAAS LGPEMTVLFA HRSGCHSGQQ TDLRRKSALG KATTLVSTAS

Product Details

GTQTVFPSK **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: SH3RF2

Alternative Name: SH3RF2 ([SH3RF2 Products](#))

Background: E3 ubiquitin-protein ligase SH3RF2 (EC 2.3.2.27) (Heart protein phosphatase 1-binding protein) (HEPP1) (POSH-eliminating RING protein) (Protein phosphatase 1 regulatory subunit 39) (RING finger protein 158) (RING-type E3 ubiquitin transferase SH3RF2) (SH3 domain-containing RING finger protein 2),FUNCTION: Has E3 ubiquitin-protein ligase activity (PubMed:24130170). Acts as an anti-apoptotic regulator of the JNK pathway by ubiquitinating and promoting the degradation of SH3RF1, a scaffold protein that is required for pro-apoptotic JNK activation (PubMed:22128169). Facilitates TNF-alpha-mediated recruitment of adapter proteins TRADD and RIPK1 to TNFRSF1A and regulates PAK4 protein stability via inhibition of its ubiquitin-

Target Details

mediated proteasomal degradation (PubMed:24130170). Inhibits PPP1CA phosphatase activity (PubMed:19945436, PubMed:19389623). {ECO:0000269|PubMed:19389623, ECO:0000269|PubMed:19945436, ECO:0000269|PubMed:22128169, ECO:0000269|PubMed:24130170}.

Molecular Weight: 79.3 kDa

UniProt: [Q8TEC5](#)

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