

Datasheet for ABIN7556021

WWC2 Protein (AA 1-1192) (His tag)



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Overview

Quantity:	1 mg
Target:	WWC2
Protein Characteristics:	AA 1-1192
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This WWC2 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant WWC2 Protein expressed in mammalian cells.
Sequence:	<p>MPRRAGSGQL PLPRGWEEAR DYDGKVFYID HNTRRTSWID PRDRLTKPLS FADCVGDELP</p> <p>WGWEAGFDPQ IGVEYIDHIN KTTQIEDPRK QWRGEQEKML KDYLSVAQDA LRTQKELYHV</p> <p>KEQRLALALD EYVRLNDAYK EKSSSHTSLF SGSSSSTKYD PDILKAEIST TRLRVKKLKR</p> <p>ELSQMKQELL YKEQGFETLQ QIDKKMSGGQ SGYELSEAKA ILTELKSIRK AISSGEKEKQ</p> <p>DLMQSLAKLQ ERFHLDQNIG RSEPDLCSP VNSHLCLSRQ TLDAGSQTSI SGDIGVRSRS</p> <p>NLAEKVRLSL QYEEAKRSMA NLKIELSKLD SEAWPGALDI EKEKLMLINE KEELLKELQF</p> <p>VTPQKRTQDE LERLEAERQR LEEELLSVRG TPSRALAERL RLEERRKELL QKLEETTKLT</p> <p>TYLHSQLKSL SASTLSMSSG SSLGSLASSR GSLNTSSRGS LNSLSSTELY YSSQSDQIDV</p> <p>DYQYKLDLFL QEKSGYIPSG PITTIHENEV VKSPSQPGQS GLCGVAAAAT GHTPPLAEAP</p> <p>KSVASLSSRS SLSSLSPPGS PLVLEGTFPM SSSHASLHQ FTADFEDCEL SSHFADISLI</p> <p>ENQILLDSDS GGASQSLSED KDLNECAREP LYEGTADVEK SLPKRRVIHL LGEKTTCVSA</p> <p>AVSDESVAGD SGVYEAFVKQ PSEMEDVTYS EEDVAIVETA QVQIGLRYNA KSSSFMVIAA</p>

Product Details

QLRNLHAFLI PHTSKVYFRV AVLPSSTDVS CLFRTKVHPP TESILFNDVF RVAISQTALQ
QKTLRVDLCS VSKHRREECL AGTQISLADL PFSSEVFTLW YNLLPSKQMP CKKNEENEDS
VFQPNQPLVD SIDLDAVSAL LARTSAELLA VEQELAQEEE EESGQEEPRG PDGDWLTMLR
EASDEIVAEK EAEVKLPEDS SCTEDLSSCT SVPEMNEDGN RKESNCAKDL RSQPPTRIPT
LVDKETNTDE AANDNMAVRP KERSSLSSRQ HPFVRSSVIV RSQTFSPGER NQYICRLNRS
DSDSSTLAKK SLFVRNSTER RSLRVKRTVC QSVLRRTTQE CPVRTSLDLE LDLQASLTRQ
SRLNDELQAL RDLRQKLEEL KAQGETDLPP GVLEDERFQR LLKQAEKQAE QSKEEQKQGL
NAEKLMRQVS KDVCRLREQS QKVPRQVQSF REKIAYFTRA KISIPSLPAD DV **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:	<p>Key Benefits:</p> <ul style="list-style-type: none">• 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). <p>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.</p> <p>If you are not interested in a full length protein, please contact us for individual protein fragments.</p> <p>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.</p>

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

Target Details

Target:	WWC2
Alternative Name:	WWC2 (WWC2 Products)

Target Details

Background:	Protein WWC2 (BH-3-only member B) (WW domain-containing protein 2),FUNCTION: Negative regulator of the Hippo signaling pathway, also known as the Salvador-Warts-Hippo (SWH) pathway. Enhances phosphorylation of LATS1 and YAP1 and negatively regulates cell proliferation and organ growth due to a suppression of the transcriptional activity of YAP1, the major effector of the Hippo pathway. {ECO:0000269 PubMed:24682284}.
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Molecular Weight:	133.9 kDa
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UniProt:	Q6AWC2
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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.
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Restrictions:	For Research Use only
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Handling

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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