

Datasheet for ABIN7563851
WWC1 Protein (AA 1-1104) (His tag)



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Overview

Quantity:	1 mg
Target:	WWC1
Protein Characteristics:	AA 1-1104
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This WWC1 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant Wwc1 Protein expressed in mammalian cells.
Sequence:	<p>MPRPELPLPE GWEEARDFDG KVVYIDHRNR TTSWIDPRDR YTKPLTFADC ISDELPLGWE EAYDPQVGDY FIDHNTKTTQ IEDPRVQWRR EQEHMLKDYL VVAQEALSAQ KEIQVKQQR LELAQQEYQQ LHAVWEHKLK SQVSLVSGSS SSSKYDPEIL KAEIATAKSR VNKLKREMVH LQHELQFKER GFQTLKKIDE RMSDAQGGYK LDEAQAVLRE TKAIKKAITC GEKEKQDLIK SLAMLKDGFR TDRGSHSDLW SSSSSLESSS FPMPKQFLDV SSQTDISGSF STSSNNQLAE KVRLRLRYEE AKRRIANLKI QLAKLDSEAW PGVLDSEDRDR LILINEKEEL LKEMRFISPR KWTQGEVEQL EMARRRLEKD LQAARDTQSK ALTERLKLNS KRNQLVRELE EATRQVATLH SQLKSLSSSM QSLSSGSSPG SLTSSRGLA ASSLDSSTSA SFTDLYYDPF EQLDSELQSK VELLFLEGAT GFRPSGCITT IHEDEVAKTQ KAEGGSRLQA LRSLSGTPRS MTSLSPRSSL SSPSPPCSPL ITDPLL TGDA FLAPLEFEDT ELSTTLCELN LGGSGTQERY RLEEPGPEGK PLGQAASVAP GCGLKVACVS AAVSDESVAG DSGVYEASAQ RPTSEAAAF DSESEAVGA TRVQIALKYD EKNKQFAILI IQLSHLSALS LQDQKVNIR VAILPCSESS TCLFRTRPLD</p>

Product Details

SANTLVFNEA FWVSISYPAL HQKTLRVDVC TTDRSHTEEC LGGAQISLAE VCRSGERSTR
WYNLLSYKYL KKQCREPQPT EAPGPDHVDA VSALLEQTAV ELEKRQEGRS SSQTLEGSWT
YEEEASENEA VAEEEEEGEE DVFTEKVSPE AEECPALKVD RETNTDSVAP SPTVVRPKDR
RVGAPSTGPF LRGNTIIRSK TFSPGPQSQY VCRLNRSDD SSTLSKKPPF VRNSLERRSV
RMKRPSSVKS LRTERLIRTS LDLELDLQAT RTWHSQLTQE ISVLKELKEH LEQAKNHGK
ELPQWLREDE RFRLLLRMLK KKVDRGEHKS ELQADKMMRA AAKDVHRLRG QSCKEPPEVQ
SFREKMAFFT RPRMNIPALS ADDV **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: WWC1

Alternative Name: Wwc1 ([WWC1 Products](#))

Background: Protein KIBRA (Kidney and brain protein) (KIBRA) (WW domain-containing protein 1),FUNCTION: Negative regulator of the Hippo signaling pathway, also known as the Salvador-

Target Details

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. Along with NF2 can synergistically induce the phosphorylation of LATS1 and LATS2 and function in the regulation of Hippo signaling pathway. Acts as a transcriptional coactivator of ESR1 which plays an essential role in DYNLL1-mediated ESR1 transactivation. Modulates directional migration of podocytes. May be associated with memory performance (By similarity). Regulates collagen-stimulated activation of the ERK/MAPK cascade (PubMed:18190796). Plays an important role in regulating AMPA-selective glutamate receptors (AMPA-Rs) trafficking (PubMed:31730661, PubMed:21943600). {ECO:0000250|UniProtKB:Q8IX03, ECO:0000269|PubMed:18190796, ECO:0000269|PubMed:21943600, ECO:0000269|PubMed:31730661}.

Molecular Weight: 124.1 kDa

UniProt: [Q5SXA9](#)

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