

Datasheet for ABIN7553596  
**CYFIP2 Protein (AA 1-1278) (His tag)**



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## Overview

Quantity:	1 mg
Target:	CYFIP2
Protein Characteristics:	AA 1-1278
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This CYFIP2 protein is labelled with His tag.

## Product Details

Purpose:	Custom-made recombinant CYFIP2 Protein expressed in mammalian cells.
Sequence:	MTTHVTLEDA LSNVDLLEEL PLPDQQPCIE PPPSSIMYQA NFDTNFEDRN AFVTGIARYI EQATVHSSMN EMLEEGHEYA VMLYTWRS CS RAIPQVKCNE QPNRVEIYEK TVEVLEPEVT KLMKFMVFQR KAIFRFCSEV KRLCHAERRK DFVSEAYLLT LGKFINMFAV LDELKNMKCS VKNDHSAYKR AAQFLRK MAD PQSIQESQNL SMFLANHNRI TQCLHQQLEV IPGYEELLAD IVNICVDYYE NKMYLTPSEK HMLLKVMGFG LYLMDGNVSN IYKLD AKKRI NLSKIDKFFK QLQVVPLFGD MQIELARYIK TSAHYEENKS KWTCTQSSIS PQYNICEQMV QIRDDHIRFI SELARYSNSE VVTGSGLD SQ KSDEEYRELF DLALRGLQLL SKWSAHVMEV YSWKLVHPTD KFCNKDCPGT AEEYERATRY NYTSEEKFAF VEVIAMIKGL QVLMGRMESV FNQAIRNTIY AALQDFAQVT LREPLRQAVR KKKNV LISVL QAIRKTICDW EGGREPPNDP CLRGEKDPKG GFDIKVPRRA VGPSSTQACQ WSPRALFHPT GGTQGRRGCR SLLYMVRTML ESLIADKSGS KKTLRSSLDG PIVLAIEDFH KQSFFFT HLL NISEALQCC DLSQLWFREF FLELTMGRR I QFPIEMSMPW ILTDHILETK EPSMMEYVLY PLDLYNDSAY YALTKFKKQF LYDEIEAEVN

## Product Details

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LCFDQFVYKL ADQIFAYYKA MAGSVLLDKR FRAECKNYGV IIPYPPSNRY ETLKQRHVQ  
LLGRSIDLNR LITQRISAAM YKSLDQAISR FESEDLTSIV ELEWILLEINR LTHRLLCKHM  
TLDSFDAMFR EANHNVSAFY GRITLHVFEW LNFDFLPNYC YNGSTNRFVR TAIPFTQEPQ  
RDKPANVQPY YLYGSKPLNI AYSHIYSSYR NFGVPPHFKT ICRLGYYQGI AVWMEELKI  
VKSLQGTIL QYVKTLEVM PKICRLPRHE YGSPGILEFF HHQLKDIEY AELKTDVFQS  
LREVGNAILF CLLIEQALSQ EEVCDLLHAA PFQNILPRVY IKEGERLEVR MKRLEAKYAP  
LHLVPLIERL GTPQQIAIAR EGDLLTKERL CCGLSMFEVI LTRIRSYLQD PIWRGPPPTN  
GVMHVDECVE FHRLWSAMQF VYCIPVGTNE FTAEQCFGDG LNWAGCSIIV LLGQRRFDL  
FDFCYHLLKV QRQDGKDEII KNVPLKKMAD RIRKYQILNN EVFAILNKYM KSVETDSSTV  
EHVRCFQPI HQSLATTC **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.**

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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.

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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.

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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

## Target Details

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Target: CYFIP2

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## Target Details

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Alternative Name:	CYFIP2 ( <a href="#">CYFIP2 Products</a> )
Background:	Cytoplasmic FMR1-interacting protein 2 (p53-inducible protein 121),FUNCTION: Involved in T-cell adhesion and p53/TP53-dependent induction of apoptosis. Does not bind RNA. As component of the WAVE1 complex, required for BDNF-NTRK2 endocytic trafficking and signaling from early endosomes (By similarity). {ECO:0000250 UniProtKB:Q5SQX6, ECO:0000269 PubMed:10449408, ECO:0000269 PubMed:15048733, ECO:0000269 PubMed:17245118}.
Molecular Weight:	148.4 kDa
UniProt:	<a href="#">Q96F07</a>
Pathways:	<a href="#">RTK Signaling</a> , <a href="#">Apoptosis</a> , <a href="#">Positive Regulation of Endopeptidase Activity</a>

## 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.
Restrictions:	For Research Use only

## Handling

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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