

Datasheet for ABIN7565096  
**FLII Protein (AA 1-1271) (His tag)**



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## Overview

Quantity:	1 mg
Target:	FLII
Protein Characteristics:	AA 1-1271
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This FLII protein is labelled with His tag.

## Product Details

Purpose:	Custom-made recombinant Flii Protein expressed in mammalian cells.
Sequence:	MEATGVLPFV RGVDSLGNDF KGGYFPENVK AMTSLRWLKL NRTGLCYLPE ELAALQKLEH LSVSHNHLTT LHGELSSLPS LRAIVARANS LKNSGVPDDI FKDDLSVLD LSHNQLTECP RELENAKNML VLNLSHNGID SIPNQLFINL TDLLYLDLSE NRLESPPQM RRLVHLQTLV LNGNPLLHAQ LRQLPAMMAL QTLHLRNTQR TQSNLPTSLE GLSNLSDVDL SCNDLTRVPE CLYTLPSLRR LNLSSNQIAE LSLCIDQWVH LETLNLSRNQ LTSLPSAICK LTKLKKLYLN SNKLDFDGLP SGIGKLTSL EFMANNLE LIPESLCRCP KLKLVLNKN RLVTLPEAIH FLTEIQVLDV RENPSLVMPP KPADRTEAWY NIDFSLQNQL RLAGASPATV AAAAAVSGSGS KDPLARKMRL RRRKDSAQDV QAKQVLKGMS DVAQEKNKNQ EESIDARAPG GKVRRWDQGL EKPRLDYSEF FTEDVGQLPG LTIWQIENFV PVLVEEAFHG KFYEADCYIV LKTFLLDSSGS LNWEIYYWIG GEATLDKKAC SAIHAVNLRN YLGAECRTVR EEMGDESEEF LQVFDNDISY IEGGTASGFY TVEDTHYVTR MYRVYGGKNI KLEPVPLKGS SLDPRFVFL DQGLDIYVWR GAQATLSNTT KARLFAEKIN KNERKGKAEI TLLVQQQEPP GFWDVLGGEP SEIKNHVPDD

## Product Details

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FWPPQPKLYK VGLGLGYLEL PQINYKLSVE HKKRPKVELM PGMRLQSLD DTRCVYILD  
WSDVFIWLGR KSPRLVRAAA LKLGQELCGM LHRPRHTVVS RSLEGTEAQV FKAKFKNWDD  
VLTVDYTRNA EAVLQGQGLS GKVKRDTEKT DQMKADLTAL FLPRQPPMPL AEAEQLMEEW  
NEDLDGMEGF VLEGRKFTRL PEEFEGHFYT QDCYVFLCRY WVPVEYEEEE KTEDKEGKAS  
AEAREGEEAA AEAEKQPEE DFQCIVYFWQ GREASNMGWL TTFSLQKKF ESLFPGKLEV  
VRMTQQQENP KFLSHFKRKF IHRGKRKVT QGTLQPTLYQ IRTNGSALCT RCIQINTDSS  
LLNSEFCFIL KVPFESEDNQ GIVYAWVGRA SDPDEAKLAE DILNTMFDAS YSKQVINEGE  
EPENFFWVGI GAQKPYDDDA EYMKHTRLFR CSNEKGYFAV TEKCSDFCQD DLADDDIMLL  
DNGQEVYMWV GTQTSQVEIK LSLKACQVYI QHTRSKEHER PRRLRLVRKG NEQRAFTRCF  
HAWSTFRQAP A **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: FLII

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## Target Details

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Alternative Name: [Flii \(FLII Products\)](#)

Background: Protein flightless-1 homolog,FUNCTION: May play a role as coactivator in transcriptional activation by hormone-activated nuclear receptors (NR) and acts in cooperation with NCOA2 and CARM1. Involved in estrogen hormone signaling (By similarity). Essential for early embryonic development. May play a role in regulation of cytoskeletal rearrangements involved in cytokinesis and cell migration, by inhibiting Rac1-dependent paxillin phosphorylation. {ECO:0000250, ECO:0000269|PubMed:11171324, ECO:0000269|PubMed:11971982, ECO:0000269|PubMed:21430700, ECO:0000269|PubMed:22581781}.

Molecular Weight: 144.8 kDa

UniProt: [Q9JJ28](#)

## 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