

Datasheet for ABIN7554121  
**HJURP Protein (AA 1-748) (His tag)**



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## Overview

Quantity:	1 mg
Target:	HJURP
Protein Characteristics:	AA 1-748
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This HJURP protein is labelled with His tag.
Application:	SDS-PAGE (SDS), Western Blotting (WB)

## Product Details

Purpose:	Custom-made recombinat HJURP Protein expressed in mammalian cells.
Sequence:	MLGTLRAMEG EDVEDDQLLQ KLRASRRRFQ RRMQRLLIEKY NQPFEDTPVW QMATLTYETP QGLRIWGGRL IKERNEGEIQ DSSMKPADRT DGSVQAAAWG PELPSHRTVL GADSKSGEVD ATSDQEESVA WALAPAVPQS PLKNELRRKY LTQVDILLQG AEYFECAGNR AGRDVRVTPL PSLASPAVPA PGYCSRIRK SPGDKAKPAS SPREWDPLHP SSTDMALVPR NDLSLQETS SSSFLSSQPF EDDICNVTI SDLYAGMLHS MSRLSTKPS SIISTKTFIM QNWNRRRRHR YKSRMNKTYC KGARRSQRSS KENFIPCSEP VKGTGALRDC KNVLDVSCRK TGLKLEKAFL EVNRPQIHLK DPSWKERKVT PSKYSSLIYF DSSATYNLDE ENRFRTLKWL ISPVKIVSRP TIRQGHGENR QREIEIRFDQ LHREYCLSPR NQPRRMCLPD SWAMNMYRGG PASPGGLQGL ETRRLSLPSS KAKAKSLSEA FENLGKRSLE AGRCLPKSDS SSSLPKTNPT HSATRPQQTS DLHVQGNSSG IFRKSVSPSK TLSVPDKEVP GHGRNRYDEI KEEFDKLHQB YCLKSPGQMT VPLCIGVSTD KASMEVRYQT EGFLGKLNPD PHFQGFQKLP SSPLGCRKSL LGSTAIEAPS

## Product Details

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STCVARAITR DGTRDHQFPA KRPRLEPQSG SGRQGNLGA SDGVDNTVRP GDQGSSSQPN  
SEERGENTSYS RMEEKSDFML EKLETKSV **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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### 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, Western Blot

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### Grade:

custom-made

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## Target Details

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### Target:

HJURP

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### Alternative Name:

HJURP ([HJURP Products](#))

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### Background:

Holliday junction recognition protein (14-3-3-associated AKT substrate) (Fetal liver-expressing gene 1 protein) (Up-regulated in lung cancer 9),FUNCTION: Centromeric protein that plays a central role in the incorporation and maintenance of histone H3-like variant CENPA at centromeres. Acts as a specific chaperone for CENPA and is required for the incorporation of newly synthesized CENPA molecules into nucleosomes at replicated centromeres. Prevents CENPA-H4 tetramerization and prevents premature DNA binding by the CENPA-H4 tetramer. Directly binds Holliday junctions. {ECO:0000269|PubMed:19410544, ECO:0000269|PubMed:19410545}.

## Target Details

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Molecular Weight: 83.5 kDa

UniProt: [Q8NCD3](#)

## Application Details

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Application Notes: In addition to the applications listed above we expect the protein to work for functional studies as well. 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