

Datasheet for ABIN7564127
HJURP Protein (AA 1-667) (His tag)



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Overview

Quantity:	1 mg
Target:	HJURP
Protein Characteristics:	AA 1-667
Origin:	Mouse
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 mammalien cells.
Sequence:	MESMGRQDRR LHQQLKESSS RFQTLMKRLI AKYNQPFEDD PLVEMRTLTY ETPQGLRVWG GKLMKKEDKE YTQVIDRLNG QAPEGDSESS GADTSLEENW PSCSSAMREA SGDPRQRQPA VPGNTLETDL RRKYLTVQDI LPQDEEYFKN AEKRGKDTV MTWVPSVTSS VTPASGCQDA ISAKSSGGPE VSALSSRGQG PSYPCPADMA IVARSDGLSL LGTSSNSVSS QSFEVDDLCN VTISDLYEGM MHMSRLLRS KPSCIISTKT YINQSWKLRR RPSRKQLHK NRTHCPRSKP SQRSARKGPA SCSEPGKEAG ILRDYGNLLH VAPHKTGLEL KSVSLEGSKR QVHKSSPAWK ELQMMPQKDL DLNRERENRV MTLQWLISPV KVVPRPRMLP SQVEKWYREI KIKFDKLHQE YCLSSGKQPR LTDPTESWAV DVYRSGSKSP GSRQDVETCR PSSPFGREKT ERPGEALEDL RGNGKSVKTK SCLLRSCPSP EGSPSRSPSH SQLSSGLQEH NSEPTGKAVW PSTAISAPSI GSPGCGKDNY YELKKEFNRL YQKYCLSPQR AKVTSCGRVS PMKAAAALPC QSEHLKRLNP DSPQQSSQKR SISPGCHRRV LQDSTAQTAS TLVRDSWLPT KRCKLSYPVA CAHQAKFHDT

Product Details

SGASGWP **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.**

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, Western Blot

Grade:

custom-made

Target Details

Target:

HJURP

Alternative Name:

Hjurp ([HJURP Products](#))

Background:

Holliday junction recognition protein (Fetal liver expressing gene 1 protein homolog) (mFleg1),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:0000250|UniProtKB:Q8NCD3}.

Molecular Weight:

74.2 kDa

UniProt:

[Q6PG16](#)

Application Details

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

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
