

Datasheet for ABIN7545255
ZFP42 Protein (AA 1-310) (His tag)



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Overview

Quantity:	1 mg
Target:	ZFP42
Protein Characteristics:	AA 1-310
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This ZFP42 protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS)

Product Details

Purpose:	Custom-made recombinat ZFP42 Protein expressed in mammalian cells.
Sequence:	<p>MSQQLKKRAK TRHQLGLGGR APSGAKPRQG KSSQDLQAEI EPVSAVWALC DGYVCYEPGP</p> <p>QALGGDDFSD CYIECVIRGE FSQPILEEDS LFESLEYLKK GSEQQLSQKV FEASSLECSL</p> <p>EYMKKGVKKE LPQKIVGENS LEYSEYMTGK KLPPGGIPGI DLSDPKQLAE FARKKPPINK</p> <p>EYDSLAIAC PQSGCTRKLK NRAALRKHLL IHGPRDHVCA ECGKAFVESS KLKRHFLVHT</p> <p>GEKPRCTFE GCGKRFSLDF NLRTHVRIHT GEKRFVCPFQ GCNRRFIQSN NLKAHILTHA</p> <p>NTNKNEQEGK 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.</p>
Characteristics:	<p>Key Benefits:</p> <ul style="list-style-type: none"> Made to order protein - from design to production - by highly experienced protein experts.

Product Details

- 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:	ZFP42
Alternative Name:	ZFP42 (ZFP42 Products)
Background:	Zinc finger protein 42 homolog (Zfp-42) (Reduced expression protein 1) (REX-1) (hREX-1) (Zinc finger protein 754),FUNCTION: Involved in the reprogramming of X-chromosome inactivation during the acquisition of pluripotency. Required for efficient elongation of TSIX, a non-coding RNA antisense to XIST. Binds DXPas34 enhancer within the TSIX promoter. Involved in ES cell self-renewal (By similarity). {ECO:0000250}.
Molecular Weight:	34.8 kDa
UniProt:	Q96MM3

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