

Datasheet for ABIN7559476
HINFP Protein (AA 1-503) (His tag)



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Overview

Quantity:	1 mg
Target:	HINFP
Protein Characteristics:	AA 1-503
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This HINFP protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant HinfP Protein expressed in mammalian cells.
Sequence:	<p>MSPPGKVPRK ENLGLQCEWG SCSFVCSAME EFFDHVTQHL QQHMHGSKEE EEEDPLEEEF</p> <p>SCLWQECGFC SLDSSADLIR HVYFHCYHTK LKQWGLQALQ SQADLSPCIL DFQSRNVIPD</p> <p>TPDHFLCLWE HCESVFDNPE WFYRHVDAHS LCCEYQAVSK DNHVVCQGWK GCTCTFKDRC</p> <p>KLREHLRSHT QEKVVACPTC GGMFANNTKF LDHIRRQTS L DQQRFCQSHC SKRFATERLL</p> <p>RDHMRNHVNH YKCPLCDMTC PLPSSLRNHM RFRHSEDRPY KCDCCDYSCK NLIDLRKHLD</p> <p>THSKESAYRC DFENCNFSAR SLSSVKSHHR KVHEGDSEPR YKCHVCDKCF TRGNLTVHL</p> <p>RKKHQFKWPS GHPRFRYKEH EDGYMRLQLV RYESVELTQQ LLQQLQEGSD PGLALNESSL</p> <p>QGIVLETVLG GPGPEEETEE EGRVVEGTAL SASQDNPSA IHMVSQTD TQ GQRDIVYCVL</p> <p>SEGPGEPPPV SETLKR DGKA RGT 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>
Specificity:	If you are looking for a specific domain and are interested in a partial protein or a different

Product Details

isoform, please contact us regarding an individual offer.

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, anti-tag ELISA, Western Blot and analytical SEC (HPLC)

Grade:

custom-made

Target Details

Target:

HINFP

Alternative Name:

Hinfp ([HINFP Products](#))

Background:

Histone H4 transcription factor (Histone nuclear factor P) (HiNF-P) (MBD2-interacting zinc finger protein) (Methyl-CpG-binding protein 2-interacting zinc finger protein),FUNCTION: Transcriptional repressor that binds to the consensus sequence 5'-CGGACGTT-3' and to the RB1 promoter. Transcriptional activator that promotes histone H4 gene transcription at the G1/S phase transition in conjunction with NPAT. Also activates transcription of the ATM and PRKDC genes. Autoregulates its expression by associating with its own promoter. {ECO:0000269|PubMed:17826007}.

Molecular Weight:

58.1 kDa

UniProt:

[Q8K1K9](#)

Pathways:

[Chromatin Binding](#)

Application Details

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

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