

Datasheet for ABIN7557564
REPIN1 Protein (AA 1-545) (His tag)



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Overview

Quantity:	1 mg
Target:	REPIN1
Protein Characteristics:	AA 1-545
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This REPIN1 protein is labelled with His tag.
Application:	SDS-PAGE (SDS), Western Blotting (WB)

Product Details

Purpose:	Custom-made recombinat Repin1 Protein expressed in mammalian cells.
Sequence:	<p>MLEQRRCRGPT AMGPAQPWLF SGPSQESSQP DRGLRYQGKS AQPRGQTPGK VHRCAHCRKR FPGWVALWLH ARRCQARLPL PCHECNQRFR HAPFLALHLQ VHASAVPDLG FICHLCGHSF RGWVALVLHL RAHSASKRPI TCPECDRRFW RQKQLRAHLR RCQPPVEAR PFICGNCGRS FAQWDQLVVH KRVHVAEAL EAAKALGPR PRGRPAAPRP GGDAVDRPFQ CACCGKRFRH KPNLIAHRRV HTGERPHQCP ECGKRFTNKP YLTSHRRIHT GEKPYPCTEC GRRFRHKPNL LSHSKIHKRL EVSAQAAPHP ESHQIAAEPM AQPALGVPLG SPRTPAEAPA LLHSCSDCGR SFRLERFLRL HQRQHTGERP FACTECGKNF GKKTHLVAHS RVHSGERPFA CEECGRRFSQ GSHLAAHRRD HAPERPFVCP DCGKAFRHKP YLAAHRRRIHT GEKPYVCPDC GKAFSQKSNL VSHRRIHTGE RPYACPDCDR SFSQKSNLIT HRKSHIRDGA FCCAICGQTF DDEDRLMHQ KKHDA</p> <p>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.</p>

Product Details

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:

REPIN1

Alternative Name:

Repin1 ([REPIN1 Products](#))

Background:

Replication initiator 1 (Zinc finger protein 464) (Zfp-464),FUNCTION: Sequence-specific double-stranded DNA-binding protein required for initiation of chromosomal DNA replication. Binds on 5'-ATT-3' reiterated sequences downstream of the origin of bidirectional replication (OBR) and a second, homologous ATT sequence of opposite orientation situated within the OBR zone. Facilitates DNA bending (By similarity). {ECO:0000250}.

Molecular Weight:

61.8 kDa

UniProt:

[Q5U4E2](#)

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

Application Details

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