

Datasheet for ABIN7556088
ZNF93 Protein (AA 1-620) (His tag)



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Overview

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|-------------------------------|--|
| Quantity: | 1 mg |
| Target: | ZNF93 |
| Protein Characteristics: | AA 1-620 |
| Origin: | Human |
| Source: | HEK-293 Cells |
| Protein Type: | Recombinant |
| Purification tag / Conjugate: | This ZNF93 protein is labelled with His tag. |
| Application: | Western Blotting (WB), SDS-PAGE (SDS) |

Product Details

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| Purpose: | Custom-made recombinat ZNF93 Protein expressed in mammalian cells. |
| Sequence: | MGPLQFRDVA IEFSLLEWHC LDTAQRNLYR NVMLNYSNL VFLGIVVSKP DLIAHLEQ GK KPLTMKRHEM VANPSVICSH FAQDLWPEQN IKDSFQKVIL RRYEKRGHGN LQLIKRCESV DECKVHTGGY NGLNQCSTTT QSKVFQCDKY GKVVFHKFSNS NRHNIRHTEK KPFKCIECGK AFNQFSTLIT HKKIHTGEKP YICEECGKAF KYSSALNTHK RIHTGEKPYK CDKCDKAFIA SSTLSKHEII HTGKKPYKCE ECGKAFNQSS TLTKHKKIHT GEKPYKCEEC GKAFNQSSSTL TKHKKIHTGE KPYVCEECGK AFKYSRILTT HKRIHTGEKP YKCNKCGKAF IASSTLSRHE FIHMGKKHYK CEECGKAFIW SSVLTRHKRV HTGEKPYKCE ECGKAFKYSS TLSSHKRSHT GEKPYKCEEC GKAFVASSTL SKHEIIHTGK KPYKCEECGK AFNQSSSLTK HKKIHTGEKP YKCEECGKAF NQSSSLTKHK KIHTGEKPYK CEECGKAFNQ SSTLIKHKKI HTREKPYKCE ECGKAFHLST HLTTHKILHT GEKPYRCREC GKAFNHSATL SSHKKIHSGE KPYECDKCGK AFISPSSLSR HEIIHTGEKP 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: ZNF93

Alternative Name: ZNF93 ([ZNF93 Products](#))

Background: Zinc finger protein 93 (Zinc finger protein 505) (Zinc finger protein HTF34),FUNCTION: Transcription factor specifically required to repress long interspersed nuclear element 1 (L1) retrotransposons: recognizes and binds L1 sequences and repress their expression by recruiting a repressive complex containing TRIM28/KAP1 (PubMed:25274305). Not able to repress expression of all subtypes of L1 elements. Binds to the 5' end of L1PA4, L1PA5 and L1PA6 subtypes, and some L1PA3 subtypes. Does not bind to L1PA7 or older subtypes nor at the most recently evolved L1PA2 and L1Hs. 50 % of L1PA3 elements have lost the ZNF93-binding site, explaining why ZNF93 is not able to repress their expression (PubMed:25274305). {ECO:0000269|PubMed:25274305}.

Molecular Weight: 71.0 kDa

Target Details

UniProt: [P35789](#)

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