

Datasheet for ABIN7556140  
**ZZZ3 Protein (AA 1-903) (His tag)**



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## Overview

|                               |                                             |
|-------------------------------|---------------------------------------------|
| Quantity:                     | 1 mg                                        |
| Target:                       | ZZZ3                                        |
| Protein Characteristics:      | AA 1-903                                    |
| Origin:                       | Human                                       |
| Source:                       | HEK-293 Cells                               |
| Protein Type:                 | Recombinant                                 |
| Purification tag / Conjugate: | This ZZZ3 protein is labelled with His tag. |

## Product Details

|           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|-----------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Purpose:  | Custom-made recombinant ZZZ3 Protein expressed in mammalian cells.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Sequence: | MAASRSTRVT RSTVGLNGLD ESFCGRTLRLN RSIAHPPEIS SNSQVRSRSP KKRPEPVPIQ<br>KGNNGRRTTD LKQQSTRESW VSPRKRLSS SEKDNIERQA IENCERRQTE PVSPVLKRIK<br>RCLRSEAPNS SEEDSPIKSD KESVEQRSTV VDNDADFQGT KRACRCLILD DCEKREIKKV<br>NVSEEGPLNS AVVEEITGYL AVNGVDDSDS AVINCDDCQP DGNTKQNSIG SYVLQEKSVA<br>ENGDTDTQTS MFLDSRKEDS YIDHKVPCTD SQVQVKLEDH KIVTACLPVE HVNQLTTEPA<br>TGPFSETQSS LRDSEEEVDV VGDSSASKEQ CKENTNNELD TSLEMPASG EPEPSPVLDC<br>VSAQMMSLSE PQEHRYTLRT SPRRAAPTRG SPTKNSSPYR ENGQFEENNL SPNETNATVS<br>DNVSQSPTNP GEISQNEKGI CCDSQNGNSE GVSQPPSEAR LNIGHLPSAK ESASQHITTE<br>EDDDPDVYYF ESDHVALKHN KDYQRLQLTI AVLEAQRSQA VQDLESLGRH QREALKNPIG<br>FVEKLQKKAD IGLPYPQRVV QLPEIVWDQY THSLGNFERE FKNRKRHTRR VKLVFDKVGL<br>PARPKSPLDP KKDGESLSYS MLPLSDGPEG SSSRPQMIRG RLCDDTKPET FNQLWTVVEEQ<br>KKLEQLLIKY PPEEVESRRW QKIADELGNR TAKQVASRVQ KYFIKLTAKG IPVPGRTPNL |

## Product Details

YIYSKKSSTS RRQHPLNKLH FKPSTFMTSH EPPVYMDEDD DRSCFHSHMN TAVEDASDDE  
SIPIMYRNLP EYKELLQFKK LKKQKLQMQ AESGFVQHVG FKCDNCGIEP IQGVRWHCQD  
CPPEMSLDFC DSCSDCLHET DIHKEDHQL EPIYRSETFLD RDYCVSQGTS YNYLDPNYFP ANR

**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.**

**Specificity:** If you are looking for a specific domain and are interested in a partial protein or a different 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:** ZZZ3

**Alternative Name:** ZZZ3 ([ZZZ3 Products](#))

**Background:** ZZ-type zinc finger-containing protein 3,FUNCTION: Histone H3 reader that is required for the ATAC complex-mediated maintenance of histone acetylation and gene activation (PubMed:30217978). Component of the ATAC complex, a complex with histone acetyltransferase activity on histones H3 and H4 (PubMed:19103755). {ECO:0000269|PubMed:19103755, ECO:0000269|PubMed:30217978}.

### Target Details

|                   |                                   |
|-------------------|-----------------------------------|
| Molecular Weight: | 102.0 kDa                         |
| UniProt:          | <a href="#">Q8IYH5</a>            |
| Pathways:         | <a href="#">Chromatin Binding</a> |

### 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                                                        |