

Datasheet for ABIN7555773  
**TFCP2 Protein (AA 1-502) (His tag)**



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## Overview

Quantity:	1 mg
Target:	TFCP2
Protein Characteristics:	AA 1-502
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This TFCP2 protein is labelled with His tag.

## Product Details

Purpose:	Custom-made recombinant TFCP2 Protein expressed in mammalian cells.
Sequence:	<p>MAWALKLPLA DEVIESGLVQ DFDASLSGIG QELGAGAYSM SDVLALPIFK QEESLPPDN            ENKILPFQYV LCAATSPAVK LHDETLTYLN QGQSYEIRML DNRKLGELPE INGKLVKSIF            RVVFHRRRLQ YTEHQLEGW RWNRPGRIL DIDIPMSVGI IDPRANPTQL NTVEFLWDPA            KRTSVFIQVH CISTEFTMRK HGGEKGVFPR VQIDTFKENE NGEYTEHLHS ASCQIKVFKP            KGADRKQKTD REKMEKRTPH EKEYQPSYE TTILTECSPW PEITYVNNSP SPGFNSSHSS            FSLGEGNGSP NHQPEPPPPV TDNLLPTTTP QEAQQLHRN RFSTFTRLFT NFSGADLLKL            TRDDVIQICG PADGIRLFNA LKGRMVRPRL TIYVCQESLQ LREQQQQQQQ QQQKHEDGDS            NGTFFVYHAI YLEELTAVEL TEKIAQLFSI SPCQISQIYK QGPTGIHVLI SDEMIQNFQE            EACFILD TMK AETNDSYHII LK <b>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.</b></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:

TFCP2

### Alternative Name:

TFCP2 ([TFCP2 Products](#))

### Background:

Alpha-globin transcription factor CP2 (SAA3 enhancer factor) (Transcription factor LSF),FUNCTION: Binds a variety of cellular and viral promoters including fibrinogen, alpha-globin, SV40 and HIV-1 promoters. Activation of the alpha-globin promoter in erythroid cells is via synergistic interaction with UBP1 (By similarity). Functions as part of the SSP (stage selector protein) complex. Facilitates the interaction of the gamma-globin genes with enhancer elements contained in the locus control region in fetal erythroid cells. Interacts by binding to the stage selector element (SSE) in the proximal gamma-globin promoter. {ECO:0000250, ECO:0000269|PubMed:10455131, ECO:0000269|PubMed:1732747, ECO:0000269|PubMed:8035790, ECO:0000269|PubMed:8157699}.

### Molecular Weight:

57.3 kDa

### UniProt:

[Q12800](#)

## 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