

Datasheet for ABIN7547728  
**FM04 Protein (AA 1-558) (His tag)**



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## Overview

Quantity:	1 mg
Target:	FM04
Protein Characteristics:	AA 1-558
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This FM04 protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS)

## Product Details

Purpose:	Custom-made recombinat FM04 Protein expressed in mammalien cells.
Sequence:	MAKKVAVIGA GVSG LSSIKC CVDEDLEPTC FERSDDIGGL WKFTSSKDG MTRVYKSLVT NVCKEMSCYS DFPFHEDYPN FMNHEKFWDY LQFAEHFDL LKYIQFKTTV CSITKRPDFS ETGQWDVVTE TEGKQNRVAV DAVMVCTGHF LNP HLPLEAF PGIHKFKGQI LHSQEYKIPE GFQGKRVLVI GLGNTGGDIA VELSR TAAQV LLSTRGTWV LGRSSDWGYP YNMMVTRRCC SFIAQVLPSR FLNWIQERKL NKR FNHEDYG LSITKGKKAK FIVNDEL PNC ILCGAITMKT SVIEFTETSA VFEDGTVEEN IDVVIFTTGY TFSFPFFEEP LKSLCTKKIF LYKQVPLNL ERATLAIIGL IGLKGSILSG TELQARWVTR VFKGLCKIPP SQKLMMEATE KEQLIKRGVF KDTSKDKFDY IAYMDDIAAC IGTKPSIPLL FLKDPRLAWE VFFGPCTPYQ YRLMGPGKWD GARNAILTQW DRTLKPLKTR IVPDSSKPAS MSHYLKAWGA PVLLASLLLI CKSSLFLKLV RDKLQDRMSP YLVSLWRG <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</b>

## Product Details

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**necessary. In case you have a special request, please contact us.**

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### 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.

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### Purity:

> 90 % as determined by Bis-Tris Page, Western Blot

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### Grade:

custom-made

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## Target Details

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### Target:

FM04

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### Alternative Name:

FM04 ([FM04 Products](#))

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### Background:

Dimethylaniline monooxygenase [N-oxide-forming] 4 (EC 1.14.13.8) (Dimethylaniline oxidase 4) (Hepatic flavin-containing monooxygenase 4) (FMO 4),FUNCTION: This protein is involved in the oxidative metabolism of a variety of xenobiotics such as drugs and pesticides.

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### Molecular Weight:

63.3 kDa

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### UniProt:

[P31512](#)

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## Application Details

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### 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.

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### Restrictions:

For Research Use only

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## Handling

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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