

Datasheet for ABIN7558374  
**TOX3 Protein (AA 1-575) (His tag)**



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## Overview

Quantity:	1 mg
Target:	TOX3
Protein Characteristics:	AA 1-575
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This TOX3 protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS)

## Product Details

Purpose:	Custom-made recombinat Tox3 Protein expressed in mammalien cells.
Sequence:	<p>MDVRFYPAAA GDPAGLDFAQ CLGYYGYSKL GNNNYMNMAE ANNAFFAASE QTFHTPSLGD          EEF EIPPITP PPESDPTLGM PDALLPFQTL SDPLPSQGTE FTPQFPPQSL DLPSITSRN          LVEQDGVLHS NGLHMDQSHT QVSQYRQDPS LVMRSIVHMT DGARSGIMPP AQLTTINQSQ          LSAQLGLNLG GANVSHTSPS PPASKSATPS PSSSINEEDA DDANRAIGEK RTAPDSGKKP          KTPKKKKKKD PNEPQKPVSA YALFFRDTQA AIKGQNP NAT FGEVSKIVAS MWDSL GEEQK          QVYKRKTEAA KKEYLKALAA YRASLVSKAA AESAEAQTIR SVQQT LASTN LTSSLLLNTS          LSQHGTVPAS PQTLPQSLPR SIAPKPLTMR LPMSQIVTSV TIAANMPSNI GAPLISSMGT          TMVGSATSTQ VSPSVQTQQH QMQLQQQQQQ QQQMQQMQQQ QLQQHQMHQQ IQQQMQQQHF          QHHMQQHLQQ QQQQHLQQQL SQQQLQQQLQ QHLQLQLQH MQHQSQPSPR QHSPVTSQIT          SPIPAIGSPQ PASQQHQ PQI QSQTQTQVLP QVSIF <b>Sequence without tag. The proposed          Purification-Tag is based on experiences with the expression system, a different complexity</b></p>

**of the protein could make another tag 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:

TOX3

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### Alternative Name:

Tox3 ([TOX3 Products](#))

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### Background:

TOX high mobility group box family member 3 (Trinucleotide repeat-containing gene 9 protein),FUNCTION: Transcriptional coactivator of the p300/CBP-mediated transcription complex. Activates transactivation through cAMP response element (CRE) sites. Protects against cell death by inducing antiapoptotic and repressing pro-apoptotic transcripts. Stimulates transcription from the estrogen-responsive or BCL-2 promoters. Required for depolarization-induced transcription activation of the C-FOS promoter in neurons. Associates with chromatin to the estrogen-responsive C3 promoter region (By similarity). {ECO:0000250}.

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### Molecular Weight:

63.2 kDa

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### UniProt:

[Q80W03](#)

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### Pathways:

[Chromatin Binding](#)

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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

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Buffer: The buffer composition is at the discretion of the manufacturer.

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Handling Advice: Avoid repeated freeze-thaw cycles.

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Storage: -80 °C

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Storage Comment: Store at -80°C.

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Expiry Date: 12 months

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