

Datasheet for ABIN7555839
TOX3 Protein (AA 1-576) (His tag)



[Go to Product page](#)

Overview

Quantity:	1 mg
Target:	TOX3
Protein Characteristics:	AA 1-576
Origin:	Human
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 mammalian cells.
Sequence:	<p>MDVRFYPAAA GDPASLDFAQ CLGYGYGYSKF GNNNNYMNMA EANNAFFAAS EQTFHTPSLG DEEFEIPPIT PPPESDPALG MPDVLLPFQA LSDPLPSQGS EFTPQFPPQS LDLPSITISR NLVEQDGVHLH SSSLHMDQSH TQVSQYRQDP SLIMRSIVHM TDAARSGVMP PAQLTTINQS QLSAQLGLNL GGASMPHTSP SPPASKSATP SPSSSINEED ADEANRAIGE KRAAPDSGKK PKTPKKKKKK DPNEPQKPVS AYALFFRDTQ AAIKGQNPNA TFGEVSKIVA SMWDSLGEEQ KQVYKRKTEA AKKEYLKALA AYRASLVSKA AAESAEQTI RSVQQTLAST NLTSSLLNT PLSQHGTVSA SPQTLQQSLP RSIAPKPLTM RLPMNQIVTS VTIAANMPSN IGAPLISSMG TTMVGSAPST QVSPSVQTQQ HQMQLQQQQQ QQQQMQMQMQ QQQLQQHQMH QQIQQQMQQQ HFQHHMQQHL QQQQHLQQQ INQQQLQQQL QQRLQLQQQL HMQHQSQPSP RQHSPVASQI TSPIAIGSP QPASQQHQSQ IQSQTQTQVL SQVSIF Sequence without tag. The proposed Purification-Tag is based on experiences with the expression system, a different complexity</p>

of the protein could make another tag necessary. In case you have a special request, please contact us.

Characteristics:	<p>Key Benefits:</p> <ul style="list-style-type: none">• 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). <p>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.</p> <p>If you are not interested in a full length protein, please contact us for individual protein fragments.</p> <p>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.</p>
Purity:	> 90 % as determined by Bis-Tris Page, Western Blot
Grade:	custom-made

Target Details

Target:	TOX3
Alternative Name:	TOX3 (TOX3 Products)
Background:	<p>TOX high mobility group box family member 3 (CAG trinucleotide repeat-containing gene F9 protein) (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. {ECO:0000269 PubMed:21172805}.</p>
Molecular Weight:	63.3 kDa
UniProt:	O15405

Target Details

Pathways: [Chromatin Binding](#)

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