

Datasheet for ABIN7545224

## ZBTB14/ZFP161 Protein (AA 1-449) (His tag)



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### Overview

Quantity:	1 mg
Target:	ZBTB14/ZFP161 (ZFP161)
Protein Characteristics:	AA 1-449
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This ZBTB14/ZFP161 protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS)

### Product Details

Purpose:	Custom-made recombinat ZBTB14 Protein expressed in mammalian cells.
Sequence:	<p>MEFFISMSET IKYNDDDHKT LFLKTLNEQR LEGEFCDIAI VVEDVKFRAH RCVLAACSTY            FKKLFKKLEV DSSSVIEIDF LRSDIFEEVL NYMYTAKISV KKEDVNLMMMS SGQILGIRFL            DKLCSQKRDV SSPDENNGQS KSKYCLKINR PIGDAADTQD DDVEEIGDQD DSPSDDTVEG            TPPSQEDGKS PTTTLRVQEA ILKELGSEEV RKVNCYGQEV ESMETPESKD LGSQTPQALT            FNDGMSEVKD EQTPGWTTAA SDMKFEYLLY GHHREQIACQ ACGKTFSDG RLRKHEKLHT            ADRPFVCEMC TKGFTTQAHK KEHLKIHTGY KPYSCEVCGK SFIRAPDLKK HERVHSNERP            FACHMCDKAF KHKSHLKDHE RRHRGEKPFV CGSCTKAFK ASDLKRHENN MHSEKQVTP            SAIQSETEQL QAAAMAAEAE QQLETIACS</p> <p><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>

## Product Details

Characteristics:	<div>Key Benefits:</div> <ul style="list-style-type: none"><li>• Made to order protein - from design to production - by highly experienced protein experts.</li><li>• Protein expressed in mammalian cells and purified in one-step affinity chromatography</li><li>• The optimized expression system ensures reliability for intracellular, secreted and transmembrane proteins.</li><li>• State-of-the-art algorithm used for plasmid design (Gene synthesis).</li></ul> <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>
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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

Target:	ZBTB14/ZFP161 (ZFP161)
Alternative Name:	ZBTB14 ( <a href="#">ZFP161 Products</a> )
Background:	<p>Zinc finger and BTB domain-containing protein 14 (Zinc finger protein 161 homolog) (Zfp-161) (Zinc finger protein 478) (Zinc finger protein 5 homolog) (ZF5) (Zfp-5) (hZF5),FUNCTION: Transcriptional activator of the dopamine transporter (DAT), binding it's promoter at the consensus sequence 5'-CCTGCACAGTTCACGGA-3'. Binds to 5'-d(GCC)(n)-3' trinucleotide repeats in promoter regions and acts as a repressor of the FMR1 gene. Transcriptional repressor of MYC and thymidine kinase promoters. {ECO:0000269 PubMed:17714511}.</p>
Molecular Weight:	51.0 kDa
UniProt:	<a href="#">O43829</a>

## 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
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Application Details

	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