

Datasheet for ABIN7560150  
**DMBX1 Protein (AA 1-381) (His tag)**



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## Overview

Quantity:	1 mg
Target:	DMBX1
Protein Characteristics:	AA 1-381
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This DMXB1 protein is labelled with His tag.

## Product Details

Purpose:	Custom-made recombinant Dmbx1 Protein expressed in mammalian cells.
Sequence:	<p>MQHYGVNGYS LHAMNSLSAM YNLHQAAQ AQPAPDYRPS VHALTLAERL AGCTFQDIIL EARYGSQHRK QRRSRTAFTA QLEALEKTF QKTHYPDVVM RERLAMCTNL PEARVQVWFK NRRAKFRKKQ RSLQKEQLQK QKEAEGSHGE GKVEAPASDT QLETEQPPGL PSGDPPAELQ LSLSEQSASE SAPEDQLDRE EDSRAEPPKA EKSPGSESKV PGCKRGSPKA DSPGSLAITP AAPGGGLLGP SHSYSSSPLS LFRLQEQRQ HMAATNNLMH YSSFEVGGPA PAAAAAAAAA VPYLGVMNMAP LSSLHCQSYQ QLSAAAAAH QGVWGSPLL APPTGLAPAS AALNSKTTSI ENLRLRAKQH AASLGLDTLP N <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 isoform, please contact us regarding an individual offer.
Characteristics:	Key Benefits:

## Product Details

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- 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, anti-tag ELISA, Western Blot and analytical SEC (HPLC)
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Grade:	custom-made
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## Target Details

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Target:	DMBX1
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Alternative Name:	Dmbx1 ( <a href="#">DMBX1 Products</a> )
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Background:	Diencephalon/mesencephalon homeobox protein 1 (Diencephalon/mesencephalon-expressed brain homeobox gene 1 protein) (Orthodenticle homolog 3) (Paired-like homeobox protein DMBOX1) (Paired-type homeobox Atx),FUNCTION: Functions as a transcriptional repressor. May repress OTX2-mediated transactivation by forming a heterodimer with OTX2 on the P3C (5'-TAATCCGATTA-3') sequence. Required for brain development, neonatal survival, postnatal growth, and nursing ability. {ECO:0000269 PubMed:11914943, ECO:0000269 PubMed:12055180, ECO:0000269 PubMed:15314164, ECO:0000269 PubMed:15890343}.
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Molecular Weight:	41.1 kDa
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UniProt:	<a href="#">Q91ZK4</a>
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Pathways:	<a href="#">Feeding Behaviour</a>
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## Application Details

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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.

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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