

[Go to Product page](#)

## Datasheet for ABIN7553713 DMRT2 Protein (AA 1-561) (His tag)

### Overview

Quantity:	1 mg
Target:	DMRT2
Protein Characteristics:	AA 1-561
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This DMRT2 protein is labelled with His tag.
Application:	SDS-PAGE (SDS), Western Blotting (WB)

### Product Details

Purpose:	Custom-made recombinat DMRT2 Protein expressed in mammalian cells.
Sequence:	MADPQAGSAA GDWEIDVESL ELEEDVCGAP RSTPPGPSPP PADGDCEDDE DDDGVDEDAE EEGDGEEAGA SPGMPGQPEQ RGGPQPRPPL APQASPAGTG PRERCTPAGG GAEPRKLSRT PKCARCRNHG VVSLCKGHKR FCRWRDCQCA NLLVVERQR VMAAQVALRR QQATEDKKGL SGKQNNFERK AVYQRQVRAP SLLAKSILEG YRPIPAETYV GGTFPLPPP VSDRMRKRRAF ADKELNIML EREYKEREML ETSQAAALFL PNMVPGPDY NSYKSAYSPTS PVEPPSKDFC NFLPTCLDLT MQYSGSGNME LISSNVSVAT TYRQYPLSSR FLVWPKCGPI SDTLLYQQCL LNATTSVQAL KPGASWDLKG ARVQDGLSAE QDMMPKLEG SLVLPHTPEI QTTRSDLQGH QAVPERSAFS PPRNFSPIV DTDSLAAQGH VLTKISKENT RHPLPLRHNP FHSLFQQLT DKSGPELKTP FVKEAFEETP KKHRECLVKD NQKYTFTIDR CAKDLFVAKQ VGTKLSVNEP LSFSVESILK RPSSAITRVS Q <b>Sequence without tag. The proposed Purification-Tag is based on experiences with the expression system, a different complexity of the protein could make</b>

## Product Details

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**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:

DMRT2

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### Alternative Name:

DMRT2 ([DMRT2 Products](#))

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### Background:

Doublesex- and mab-3-related transcription factor 2 (Doublesex-like 2 protein) (DSXL-2),FUNCTION: Transcriptional activator that directly regulates early activation of the myogenic determination gene MYF5 by binding in a sequence-specific manner to the early epaxial enhancer element of it. Involved in somitogenesis during embryogenesis and somite development and differentiation into sclerotome and dermomyotome. Required for the initiation and/or maintenance of proper organization of the sclerotome, dermomyotome and myotome (By similarity). {ECO:0000250}.

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### Molecular Weight:

61.8 kDa

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### UniProt:

[Q9Y5R5](#)

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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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