

Datasheet for ABIN7547105

## DMRT3 Protein (AA 1-472) (His tag)



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### Overview

Quantity:	1 mg
Target:	DMRT3
Protein Characteristics:	AA 1-472
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This DMRT3 protein is labelled with His tag.

### Product Details

Purpose:	Custom-made recombinant DMRT3 Protein expressed in mammalian cells.
Sequence:	<p>MNGYGSPYLY MGGPVSQPPR APLQ RTPKCA RCRNHGVL SW LKGHKRYCRF KDCTCEKCIL</p> <p>IIERQRVMAA QVALRRQQAN ESLESLIPDS LRALPGPPPP GDAVAAPQPP PASQPSQPQP</p> <p>PRPAAELAAA AALRWTAEPQ PGALQAQLAK PDLTEERLGD GKSADNTEVF SDKD TDQRSS</p> <p>PDVAKSKGCF TPESPEIVSV EEGGYAVQKN GGNPESRPDS PKCHAEQ NHL LIEGPS GTVS</p> <p>LPFSLKANRP PLEV LKKIFP NQKPTVLELI LKGC GGDLVS AVEVLLSSRS SVTGAERTSA</p> <p>EPESLALPSN GHIFEHTLSS YPISSSKWSV GSAFRVPDTL RFSADSSNVV PSPLAGPLQP</p> <p>PFPQPPRYPL MLRNTLARSQ SSPFLPNDVT LWNTMTLQQQ YQLRSQYVSP FPSNSTSVFR</p> <p>SSPVLPARAT EDPRISIPDD GCPFVSKQSI YTEDDYDERS DSSDSRTLNT SS <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

## Product Details

isoform, please contact us regarding an individual offer.

### 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.

### Purity:

> 90 % as determined by Bis-Tris PAGE, anti-tag ELISA, Western Blot and analytical SEC (HPLC)

### Grade:

custom-made

## Target Details

### Target:

DMRT3

### Alternative Name:

DMRT3 ([DMRT3 Products](#))

### Background:

Doublesex- and mab-3-related transcription factor 3,FUNCTION: Probable transcription factor that plays a role in configuring the spinal circuits controlling stride in vertebrates. Involved in neuronal specification within specific subdivision of spinal cord neurons and in the development of a coordinated locomotor network controlling limb movements. May regulate transcription during sexual development (By similarity). {ECO:0000250}.

### Molecular Weight:

51.2 kDa

### UniProt:

[Q9NQL9](#)

## Application Details

### 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.

Application Details

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