

Datasheet for ABIN7558399

DMRT3 Protein (AA 1-476) (His tag)



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Overview

| | |
|-------------------------------|--|
| Quantity: | 1 mg |
| Target: | DMRT3 |
| Protein Characteristics: | AA 1-476 |
| Origin: | Mouse |
| 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 APLQRTPKCA RCRNHGVLSW LKGHKRYCRF KDCTCEKCIL IIERQVRMAA QVALRRQQAN ESLESLIPDS LRALPGPPPP GDAAATAATA SQSSPASQAS QPPAPPRPTA ELAAAAALRW VAEPQPGTLP AQLAKPDLTE ERVGDSSSTD NTAEAFSDKD TDQRSSPDVV KSKNCFTPES PEIVSVDEGG YAVQKNGGNP ESCPDSPKYH AEQSHLLIEG PSGTVSLPFS LKANRPPELV LKKIFPNQKP TVLELILKGC GGDLVSAVEV LLSSRSSAAG AERTAEESLV LPSSGHIFEH TLGSIPISSS KWSVGSAFRV PDTLRFSADS SNVVPNPLAV PLQHFPQPP RYPLMLRNTL ARNQSSPFLP NDVTLWNTMT LQQYQLRSQ YVSPFPSNST SVFRSSPVLS SRTTEDPRIS IPDDGCPIVT KQSIYTEDDY DERSDSSDSR ILNTSS 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.</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. {ECO:0000269|PubMed:22932389}.

Molecular Weight:

51.5 kDa

UniProt:

[Q80WT2](#)

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 |