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Datasheet for ABIN7559161

Microrchidia 2B Protein (MORC2B) (AA 1-1022) (His tag)

Overview

Quantity:	1 mg
Target:	Microrchidia 2B (MORC2B)
Protein Characteristics:	AA 1-1022
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This Microrchidia 2B protein is labelled with His tag.
Application:	SDS-PAGE (SDS), Western Blotting (WB)

Product Details

Purpose:	Custom-made recombinat Morc2b Protein expressed in mammalien cells.
Sequence:	MAFTNYSTLN RAQLTFDY LH TNSTTHAFLF GALAELIDNA RDADATRIDI YAEKREDLQG GFMLCFLDNG VGMDPNDVIN VIQFGKSAKR TPESTQIGRY GNGLKSGSMR IGKDFILFTK KENTMSCLFL SRTFHEEEGI DEVIVPLPTW NSQTREPVT D NMEKFAIETE LIYKYSPFHT EEEVMTQFTK ISGTSGLV V IFNLKLT DNG EPELDVTSNP KDIRMAEISQ EGVKPERHSF CAYA AVLYID PRMRIFIHGH KVQTKKLCCC LYKPRKYTFT SHRFKTRAEQ EVKKADQVAQ LAE EKAREAE SKARTLEIHM GGDITRDSRV MLRQVQNTAI TLRREADVKK RIRDAKQQAL KEPKELTFVF GVNIEHRDHD GMFIYNC SRL IKMYEKVGPQ LEKGMVCGGV VGVIDVPYLV LEPTHNKQDF ADAKEYRHLL RAMGEHLAQY WKDIEIAQH G IIFWDEFGY LSANWNRPPS DELHF KRKRA MQVPTTIQCD LCLKWRTL PF QLSAVEEGYP INWVCSMNPD PEQDQCEAFE LKQKIPLGIL KKAPKTQEER QKQLTEKIQQ EQRK LKALKK IKPIHSQSDL KKLPLEVTSR PFSKYPAHIF QGPQSSFHVV KTNARRR PQS RHAPFRQLQR SSIIC TNP KP PFLVDKTEAV

LLQPPETPQK SVSLLVKTIP QPPPLVQSLS PSVVPKSNNP WKVETPQIMN TPVAEMPYVP
VNPSLVICDH KRSPEVSDEI EDEDRRKRCM KRGRFTVKKE KIQASELSDS SGEENPVDLK
TAQKDKGLYV EVRMMGECYK GHVTAVEVGD NVVWWKVKFE DMPKDSTPRD CWVEKGSENV
WLVKPSPEYQ STDEQQEDRK GEEDTVVQQA LALQQTSTSE CFCTEPDTTA STANHKTIDL
LVQILWNCLH YFMPLSFPIS KKELGAMNSE ELLSLPLKEC FKQYEVGLQN LCRSYQRCAD
SQAKVSEESL RISQKKLQET EEKLQKLRTN IQTLLQMAQQ GINIRADDEL DAYIEDLVSS DD

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.

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, Western Blot

Grade: custom-made

Target Details

Target: Microrchidia 2B (MORC2B)

Alternative Name: Morc2b

Background: ATPase MORC2B (EC 3.6.1.-) (MORC family CW-type zinc finger protein 2B) (TCE6),FUNCTION: Required for chromosomal synapsis and meiotic recombination in males and females. {ECO:0000269|PubMed:29329290}.

Molecular Weight: 117.2 kDa

Target Details

UniProt: [Q8C5W4](#)

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 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