

Datasheet for ABIN7562171

Emerin Protein (EMD) (AA 1-259) (His tag)



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Overview

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|-------------------------------|---|
| Quantity: | 1 mg |
| Target: | Emerin (EMD) |
| Protein Characteristics: | AA 1-259 |
| Origin: | Mouse |
| Source: | HEK-293 Cells |
| Protein Type: | Recombinant |
| Purification tag / Conjugate: | This Emerin protein is labelled with His tag. |

Product Details

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| Purpose: | Custom-made recombinant Emd Protein expressed in mammalian cells. |
| Sequence: | <p>MDDYAVLSDT ELAAVLRQYN IPHGPIVGST RKLYEKKIFE YETQRRRLLP PNSSSSSFSY</p> <p>QFSDLDSAAV DSDMYDLPPK EDALLYQSKD YNDDYYEESY LTTKTYGEPE SVGMSKSFQR</p> <p>PGTSLVDADT FHHQVRDDIF SSLEEEGKDR ERLIYGQDSA YQSIAHYRPI SNVSRSSLGL</p> <p>SYYPSTSTSS VSSSSSSPSS WLTRRAIRPE KQAPAAALGQ DRQVPLWGQL LLFLVFAAFL</p> <p>LFVYYSIQAE EGNPFWMMDP 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 isoform, please contact us regarding an individual offer. |
| Characteristics: | <p>Key Benefits:</p> <ul style="list-style-type: none"> Made to order protein - from design to production - by highly experienced protein experts. |

Product Details

- 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) |
| Grade: | custom-made |

Target Details

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| Target: | Emerin (EMD) |
| Alternative Name: | Emd (EMD Products) |
| Background: | Emerin,FUNCTION: Stabilizes and promotes the formation of a nuclear actin cortical network. Stimulates actin polymerization in vitro by binding and stabilizing the pointed end of growing filaments. Inhibits beta-catenin activity by preventing its accumulation in the nucleus. Acts by influencing the nuclear accumulation of beta-catenin through a CRM1-dependent export pathway. Links centrosomes to the nuclear envelope via a microtubule association. Required for proper localization of non-farnesylated prelamin-A/C. Together with NEMP1, contributes to nuclear envelope stiffness in germ cells. {ECO:0000250 UniProtKB:P50402}. |
| Molecular Weight: | 29.4 kDa |
| UniProt: | O08579 |

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. |
| Restrictions: | For Research Use only |

Handling

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| 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 |