

Datasheet for ABIN7551540
ROPN1 Protein (AA 1-212) (His tag)



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Overview

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| Quantity: | 1 mg |
| Target: | ROPN1 |
| Protein Characteristics: | AA 1-212 |
| Origin: | Human |
| Source: | HEK-293 Cells |
| Protein Type: | Recombinant |
| Purification tag / Conjugate: | This ROPN1 protein is labelled with His tag. |
| Application: | Western Blotting (WB), SDS-PAGE (SDS) |

Product Details

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| Purpose: | Custom-made recombinat ROPN1 Protein expressed in mammalien cells. |
| Sequence: | MAQTDKPTCI PPELPKMLKE FAKAAIRVQP QDLIQWAADY FEALSRGETP PVRERSERVA LCNRAELTPE LLKILHSQVA GRLIIRAEEL AQMWKVVNLP TDLFNSVMNV GRFTEEIEWL KFLALACSAL GVTITKTLKI VCEVLSCDHN GGSPRIPFST FQFLYTYIAK VDGEISASHV SRMLNYMEQE VIGPDGIITV NDFTQNPRVQ LE 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: <ul style="list-style-type: none">• Made to order protein - from design to production - by highly experienced protein experts.• Protein expressed in mammalien cells and purified in one-step affinity chromatography• The optimized expression system ensures reliability for intracellular, secreted and |

Product Details

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: | ROPN1 |
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| Alternative Name: | ROPN1 (ROPN1 Products) |
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| Background: | Ropporin-1A (Cancer/testis antigen 91) (CT91) (Rhopilin-associated protein 1A),FUNCTION: Important for male fertility. With ROPN1L, involved in fibrous sheath integrity and sperm motility, plays a role in PKA-dependent signaling processes required for spermatozoa capacitation. {ECO:0000250 UniProtKB:Q9ESG2}. |
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| Molecular Weight: | 23.9 kDa |
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| UniProt: | Q9HAT0 |
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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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Handling

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