

Datasheet for ABIN7551115 **PEX11A Protein (AA 1-247) (His tag)**



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Overview

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| Quantity: | 1 mg |
| Target: | PEX11A |
| Protein Characteristics: | AA 1-247 |
| Origin: | Human |
| Source: | HEK-293 Cells |
| Protein Type: | Recombinant |
| Purification tag / Conjugate: | This PEX11A protein is labelled with His tag. |
| Application: | Western Blotting (WB), SDS-PAGE (SDS) |

Product Details

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| Purpose: | Custom-made recombinat PEX11A Protein expressed in mammalian cells. |
| Sequence: | <p>MDAFTRFTNQ TQGRDLRFRA TQYTCMLLRY LLEPKAGKEK VVMKLKKLES SVSTGRKWFR LGNVVHAIQA TEQSIHATDL VPRCLCLTLAN LNRVIYFICD TILWVRSVGL TSGINKEKWR TRAAHHYYYS LLLSLVRDLY EISLQMKRVT CDRAKKEKSA SQDPLWFSVA EEETEWLQSF LLLLFRSLKQ HPPLLLDTVK NLCDILNPLD QLGIYKSNPG IIGLGGLVSS IAGMITVAYP QMKLKTR</p> <p>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> |
| Characteristics: | <p>Key Benefits:</p> <ul style="list-style-type: none"> • 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 |

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: | PEX11A |
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| Alternative Name: | PEX11A (PEX11A Products) |
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| Background: | Peroxisomal membrane protein 11A (HsPEX11p) (28 kDa peroxisomal integral membrane protein) (PMP28) (Peroxin-11A) (Peroxisomal biogenesis factor 11A) (Protein PEX11 homolog alpha) (PEX11-alpha),FUNCTION: May be involved in peroxisomal proliferation and may regulate peroxisomes division (PubMed:9792670). May mediate binding of coatomer proteins to the peroxisomal membrane (By similarity). Promotes membrane protrusion and elongation on the peroxisomal surface (PubMed:20826455). {ECO:0000250 UniProtKB:O70597, ECO:0000269 PubMed:20826455, ECO:0000269 PubMed:9792670}. |
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| Molecular Weight: | 28.4 kDa |
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| UniProt: | O75192 |
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| Pathways: | Regulation of Lipid Metabolism by PPARalpha, Brown Fat Cell Differentiation |
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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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Application Details

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 |