

Datasheet for ABIN7545215
YJEFN3 Protein (AA 1-299) (His tag)



[Go to Product page](#)

Overview

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| Quantity: | 1 mg |
| Target: | YJEFN3 |
| Protein Characteristics: | AA 1-299 |
| Origin: | Human |
| Source: | HEK-293 Cells |
| Protein Type: | Recombinant |
| Purification tag / Conjugate: | This YJEFN3 protein is labelled with His tag. |
| Application: | SDS-PAGE (SDS), Western Blotting (WB) |

Product Details

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| Purpose: | Custom-made recombinat YJEFN3 Protein expressed in mammalien cells. |
| Sequence: | <p>MSSAAGPDPS EAPEERHFLR ALELQPPLAD MGRAELSSNA TTSLVQRRKQ AWGRQSWLEQ IWNAGPVCQS TAEAAALERE LLEDYRFGRQ QLVELCGHAS AVAVTKAFPL PALS RKQRTV LVVCGPEQNG AVGLVCARHL RVFEYEPTIF YPTRSLDLLH RDLTTQCEKM DIPFLSYLPT EVQLINEAYG LVVDAVLGPG VEPGEVGGPC TRALATLKLL SIPLVSLDIP SGWDAETGSD SEDGLRPDVL VSLAAPKRCA GRFSGRHHFV AGRFVPDDVR RKFALRLPGY TGTDCVAAL</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. |

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, Western Blot |
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| Grade: | custom-made |
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Target Details

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| Target: | YJEFN3 |
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| Alternative Name: | YJEFN3 (YJEFN3 Products) |
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| Background: | YjeF N-terminal domain-containing protein 3 (YjeF_N3) (hYjeF_N3) (ApoA-I-binding protein 2),FUNCTION: May accelerate cholesterol efflux from endothelial cells to high-density lipoprotein (HDL) and thereby regulates angiogenesis. May orchestrate hematopoietic stem and progenitor cell emergence from the hemogenic endothelium, a type of specialized endothelium manifesting hematopoietic potential. YJEFN3-mediated cholesterol efflux activates endothelial SREBF2, the master transcription factor for cholesterol biosynthesis, which in turn transactivates NOTCH and promotes hematopoietic stem and progenitor cell emergence (By similarity). May play a role in spermiogenesis and oogenesis (PubMed:17533573). {ECO:0000250 UniProtKB:Q1LVI2, ECO:0000269 PubMed:17533573}. |
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| Molecular Weight: | 32.6 kDa |
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| UniProt: | A6XGLO |
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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 |
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Application Details

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