

Datasheet for ABIN7553809
ESYT3 Protein (AA 1-886) (His tag)



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Overview

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| Quantity: | 1 mg |
| Target: | ESYT3 |
| Protein Characteristics: | AA 1-886 |
| Origin: | Human |
| Source: | HEK-293 Cells |
| Protein Type: | Recombinant |
| Purification tag / Conjugate: | This ESYT3 protein is labelled with His tag. |

Product Details

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|-----------|---|
| Purpose: | Custom-made recombinant ESYT3 Protein expressed in mammalian cells. |
| Sequence: | MRAEEPCAPG APSALGAQRT PGPELRLSSQ LLPELCTFVW RVLGYLGPVY LAGYLGSLIT WLLLGALLWM WWRNRNRGKL GRLAAAFEFL DNEREFISRE LRGQHLPawi HFPDVERVEW ANKIISQTWP YLSMIMESKF REKLEPKIRE KSIHLRTFTF TKLYFGQKCP RVNGVKAHTN TCNRRRVTV D LQICYIGDCE ISVELQKIQA GVNGIQLQGT LRVILEPLL V DKPFVGA V TV FFLQKPHLQI NWTGLTNLLD APGINDVSDS LLEDLIATHL VLPNRVTVPV KKGLDLTNLR FPLPCGVIRV HLLAEQLAQ KDNFLGLRGK SDPYAKVSIG LQHFRSRTIY RNLNPTWNEV FEFMVYEVPG QDLEVDLYDE DTD RDDLFLGS LQICLGDVMT NRVDDEWFVL NDTTSGRLHL RLEWLSLLTD QEVLTE DHGG LSTAILVVFL ESACNLPRNP FDYLNGEYRA KKLSRFARNK VSKDPSSYVK LSVGKKTHTS KTCPHNKDPV WSQVFSFFVH NVATERLHLK VLDDDQECAL GMLEVPLCQI LPYADLTLEQ RFQLDHSGLD SLISMRLVLR FLQVEERELG SPYTGPEALK KGPLLIKVA TNQGPKAQPQ EEGPTDLPCP PDPASDTKDV SRSTTTTTSA TTVATEPTSQ ETGPEPKGKD SAKRFCEPIG EKKSPATIFL TVPGPHSPGP IKSPRPMKCP ASPFAWPPKR |

Product Details

LAPSMSSLNS LASSCFDLAD ISLNIEGGDL RRRQLGEIQL TVRYVCLRRRC LSVLINGCRN
LTPCTSSGAD PYVRVYLLPE RKWACRKKTS VKRKTLEPLF DETFEFFVPM EEVKKRSLDV
AVKNSRPLGS HRRKELGKVL IDLSKEDLIK GFSQWYELTP NGQPRS **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.**

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: 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, anti-tag ELISA, Western Blot and analytical SEC (HPLC)

Grade: custom-made

Target Details

Target: ESYT3

Alternative Name: ESYT3 ([ESYT3 Products](#))

Background: Extended synaptotagmin-3 (E-Syt3) (Chr3Syt),FUNCTION: Binds glycerophospholipids in a barrel-like domain and may play a role in cellular lipid transport (By similarity). Tethers the endoplasmic reticulum to the cell membrane and promotes the formation of appositions between the endoplasmic reticulum and the cell membrane. {ECO:0000250, ECO:0000269|PubMed:23791178}.

Target Details

Molecular Weight: 100.0 kDa

UniProt: [A0FGR9](#)

Application Details

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

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