

Datasheet for ABIN7563801

ESYT3 Protein (AA 1-891) (His tag)



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Overview

Quantity:	1 mg
Target:	ESYT3
Protein Characteristics:	AA 1-891
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This ESYT3 protein is labelled with His tag.
Application:	SDS-PAGE (SDS), Western Blotting (WB)

Product Details

Purpose:	Custom-made recombinat Esyt3 Protein expressed in mammalian cells.
Sequence:	<p>MQPEEPCAPS APGGPDVPER GQSRDPGPR LSGQLPELY SFVARVLFYL APVYLAGYLG</p> <p>LSVTWLLLGA LLWMWRRNR RGKLGRLAA FEFLEHEREF ISRELRGQHL PAWIHFDPVE</p> <p>RVEWANKIII QIWPYLSMIM ENKIREKLEP KIREKSIHLR TFTFTKLYFG QKCPKVNGVK</p> <p>VHTDKRNRK VTLDLQICYI GDCEISVELQ KIRGGVSGVQ LQGLRVILE PLLVDKPFIF</p> <p>AVTVFFLQKP HLQINWTGLT NLLDMPGINE LSDSLLEDLI AAHLVLPNRV TVPVKKGLDV</p> <p>TNLRVPLPCG VIRVHLLLEAK KLAQKDNFLG LGGKSDPYAK VSIGLQHCRS RTIYKNLNPT</p> <p>WNEVFEFMVY EVPGQDLEVD LYDEDTDKDD FLGSLQICLG DVMKNRVVDE WFALNDTTSG</p> <p>RLHLRLEWLS LLTDQEALTE NDSGLSTAIL VVFLNACNL PRNPFDYLNQ EYRAKKLSRF</p> <p>VKNKASRDPS SYVKLTVGKK TFTSKTCPHS KDPVWSQVFS FVHVSAAEQ LCLKVLDEL</p> <p>ECALGVLEFP LCRILPCADL TLEQCFQLDH SGLDSLISMV LVLRFRLVEG RELGSPYTG</p> <p>DALKKGPLFI KKVATNQGCK APPLNEGLAD VTSTSNPASY IKGASKSIDN ISAATTDPEP</p>

MPEPQGPGE PKGKDSARGL CESP GKKNP ATFTLTPGL HSPGPIKSPR PMSRPAFPFA
WPLTRVAPSM SSLNSLASSC FDLTDVSLNT EAGDSRQGRL GEIQLTVRYV CLRHCLRVLV
NGCRNLTPCT SSGADPYVRI YLLPERRWAS RKKTSVKQKT LEPLFDETFE FFVPMGEVQK
RSLDVAVKNS RPLGSHRRKE LGKVLIDLSK QDLIKGFSQW YELTAGQPR S **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:	<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 transmembrane proteins.• State-of-the-art algorithm used for plasmid design (Gene synthesis). <p>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.</p> <p>If you are not interested in a full length protein, please contact us for individual protein fragments.</p> <p>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.</p>
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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

Target:	ESYT3
Alternative Name:	Esyt3 (ESYT3 Products)
Background:	Extended synaptotagmin-3 (E-Syt3),FUNCTION: Tethers the endoplasmic reticulum to the cell membrane and promotes the formation of appositions between the endoplasmic reticulum and the cell membrane. Binds glycerophospholipids in a barrel-like domain and may play a role in cellular lipid transport (By similarity). {ECO:0000250}.
Molecular Weight:	100.1 kDa

Target Details

UniProt: [Q5DTI8](#)

Application Details

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.

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