

Datasheet for ABIN7545239

## ZAR1L Protein (AA 1-321) (His tag)



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### Overview

Quantity:	1 mg
Target:	ZAR1L
Protein Characteristics:	AA 1-321
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This ZAR1L protein is labelled with His tag.
Application:	SDS-PAGE (SDS), Western Blotting (WB)

### Product Details

Purpose:	Custom-made recombinat ZAR1L Protein expressed in mammalian cells.
Sequence:	<p>MERFVRVPYG LYQGYGSTVP LGQPGLSGHK QPDWRQNMGP PTFLARPGLL VPANAPDYCI  DPYKRAQLKA ILSQMNPSLS PRLCKPNTKE VGVQVSPRVD KAVQCSLGPR TLSSCSPWDG  RDPQEPLPAC GVTSPATGRR GLIRLRRDGD EAESKALPGP AEASQPQPPS RRSAGDRQEE  PGQLEESGEK DAPCPQETKS KQVPGDAASE PLRRPNFQFL EPKYGYFHCK DCKTRWESAY  VWCISGTNKV YFKQLCCKCQ KSFNPYRVEA IQCQTCSKSH CSCPQKKRHI DLRRPHRQEL  CGRCKDKRFS CGNIYSFKYV M <b>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.</b></p>
Characteristics:	<p>Key Benefits:</p> <ul style="list-style-type: none"> <li>Made to order protein - from design to production - by highly experienced protein experts.</li> </ul>

## 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.

Purity:	> 90 % as determined by Bis-Tris Page, Western Blot
Grade:	custom-made

## Target Details

Target:	ZAR1L
Alternative Name:	ZAR1L ( <a href="#">ZAR1L Products</a> )
Background:	Protein ZAR1-like (Zygote arrest protein 1-like),FUNCTION: mRNA-binding protein required for maternal mRNA storage, translation and degradation during oocyte maturation (By similarity). Probably promotes formation of some phase-separated membraneless compartment that stores maternal mRNAs in oocytes: acts by undergoing liquid-liquid phase separation upon binding to maternal mRNAs (By similarity). Binds to the 3'-UTR of maternal mRNAs, inhibiting their translation (By similarity). {ECO:0000250 UniProtKB:C3VD30, ECO:0000250 UniProtKB:Q80SU3}.
Molecular Weight:	36.0 kDa
UniProt:	<a href="#">A6NP61</a>

## 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.
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Application Details

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