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Datasheet for ABIN7546544

**C9ORF116 Protein (AA 1-136) (His tag)**

## Overview

Quantity:	1 mg
Target:	C9ORF116
Protein Characteristics:	AA 1-136
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This C9ORF116 protein is labelled with His tag.

## Product Details

Purpose:	Custom-made recombinant PIERCE1 Protein expressed in mammalian cells.
Sequence:	MAEECPRACA EPVAPKATAP PERTSDYYRV SADLPGRFNN PGWFRGYRTQ KAVSVYRTSN QAYGSRAPT V HEMPKVFYPN SNKFSQQLAA GGMFRNNTLN VYLEKSIVTG PDNCITSCDR LNFHPSYNIN RPSICD <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>
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: <ul style="list-style-type: none"><li>• Made to order protein - from design to production - by highly experienced protein experts.</li><li>• Protein expressed in mammalian cells and purified in one-step affinity chromatography</li><li>• The optimized expression system ensures reliability for intracellular, secreted and transmembrane proteins.</li></ul>

## Product Details

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

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## Target Details

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Target:	C9ORF116
Alternative Name:	PIERCE1 ( <a href="#">C9ORF116 Products</a> )
Background:	Piercer of microtubule wall 1 protein (Pierce1) (UPF0691 protein C9orf116) (p53-induced expression in RB-null cells protein 1),FUNCTION: Microtubule inner protein involved in the attachment of outer dynein arms (ODAs) to dynein-decorated doublet microtubules (DMTs) in cilia axoneme, which is required for motile cilia beating (PubMed:36191189). Functions at the initial step of left-right asymmetry specification of the visceral organs. {ECO:0000250 UniProtKB:Q5BN45, ECO:0000269 PubMed:36191189}.
Molecular Weight:	15.3 kDa
UniProt:	<a href="#">Q5BN46</a>

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## Application Details

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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

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## Handling

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Format:	Liquid
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## Handling

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Buffer: The buffer composition is at the discretion of the manufacturer.

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Handling Advice: Avoid repeated freeze-thaw cycles.

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Storage: -80 °C

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Storage Comment: Store at -80°C.

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Expiry Date: 12 months