

Datasheet for ABIN7552929

## CCDC115 Protein (AA 1-180) (His tag)



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### Overview

Quantity:	1 mg
Target:	CCDC115
Protein Characteristics:	AA 1-180
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This CCDC115 protein is labelled with His tag.

### Product Details

Purpose:	Custom-made recombinant CCDC115 Protein expressed in mammalian cells.
Sequence:	<p>MAALDLRAEL DSLVLQLLGD LEELEGKRTV LNA RVEEGWL SLAKARYAMG AKSVGPLQYA            SHMEPQVCLH ASEAQGLQK FKVVRAGVHA PEEVGPREAG LRRRKGP TKT PEPESSEAPQ            DPLNWF GILV PHSLRQAQAS FRDGLQLAAD IASLQNRIDW GRSQLRGLQE KLKQLEPGAA</p> <p><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>
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:	<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> <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</li> </ul>

## Product Details

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:	CCDC115
Alternative Name:	CCDC115 ( <a href="#">CCDC115 Products</a> )
Background:	Coiled-coil domain-containing protein 115,FUNCTION: Accessory component of the proton-transporting vacuolar (V)-ATPase protein pump involved in intracellular iron homeostasis. In aerobic conditions, required for intracellular iron homeostasis, thus triggering the activity of Fe(2+) prolyl hydroxylase (PHD) enzymes, and leading to HIF1A hydroxylation and subsequent proteasomal degradation. Necessary for endolysosomal acidification and lysosomal degradation (PubMed:28296633). May be involved in Golgi homeostasis (PubMed:26833332). {ECO:0000269 PubMed:26833332, ECO:0000269 PubMed:28296633}.
Molecular Weight:	19.8 kDa
UniProt:	<a href="#">Q96NT0</a>

## 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