

Datasheet for ABIN7561503  
**COPZ2 Protein (AA 1-205) (His tag)**



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## Overview

Quantity:	1 mg
Target:	COPZ2
Protein Characteristics:	AA 1-205
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This COPZ2 protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS)

## Product Details

Purpose:	Custom-made recombinat Copz2 Protein expressed in mammalien cells.
Sequence:	<p>MQRPEAWPRP HPGEGASAAQ AGGAAPPTRA TEQREPSLYT IKAVFILDND GRLLAKYYD DTFPSVKEQM VFEKNVFNKT SRTESEIAFL GGMTIVYKSS IDIFLYVVG SSENELMLMS VLACLFDSLS HILRKNVEKR WLLNMDGAF LVLDETVDGG VILESDPQQV IQKVNFRRTDD SGLTEQSVAQ VLQSAKEQIK WSLLK <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><li>• Protein expressed in mammalien 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, Western Blot

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Grade: custom-made

## Target Details

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Target: COPZ2

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Alternative Name: Copz2 ([COPZ2 Products](#))

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Background: Coatomer subunit zeta-2 (Zeta-2-coat protein) (Zeta-2 COP),FUNCTION: The coatomer is a cytosolic protein complex that binds to dilysine motifs and reversibly associates with Golgi non-clathrin-coated vesicles, which further mediate biosynthetic protein transport from the ER, via the Golgi up to the trans Golgi network. Coatomer complex is required for budding from Golgi membranes, and is essential for the retrograde Golgi-to-ER transport of dilysine-tagged proteins. The zeta subunit may be involved in regulating the coat assembly and, hence, the rate of biosynthetic protein transport due to its association-dissociation properties with the coatomer complex. {ECO:0000250|UniProtKB:P53600}.

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Molecular Weight: 22.9 kDa

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UniProt: [Q9JHH9](#)

## Application Details

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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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Restrictions: For Research Use only

## Handling

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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