

Datasheet for ABIN7560498
COPRS Protein (AA 1-173) (His tag)



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Overview

Quantity:	1 mg
Target:	COPRS
Protein Characteristics:	AA 1-173
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This COPRS protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant Coprs Protein expressed in mammalian cells.
Sequence:	MDPQAATGRG PGERSSQEAP SAEAGFATAD LSGRETETEL AVDRLASGAQ SIPADIPAHA EGPSSEEEGF AVEKEADGEL YAWELSEGPS CPPMEQAADL FNEDWDLELK ADQGNPYDAD DIQGSISQEI KPWVCCAPQG DMIYDPSWHH PPPLIPHYSK MVFETGQFDD AED 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.
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">• 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

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)
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Grade:	custom-made
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Target Details

Target:	COPRS
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Alternative Name:	Coprs (COPRS Products)
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Background:	Coordinator of PRMT5 and differentiation stimulator (Cooperator of PRMT5),FUNCTION: Histone-binding protein required for histone H4 methyltransferase activity of PRMT5. Specifically required for histone H4 'Arg-3' methylation mediated by PRMT5, but not histone H3 'Arg-8' methylation, suggesting that it modulates the substrate specificity of PRMT5. Specifically interacts with the N-terminus of histone H4 but not with histone H3, suggesting that it acts by promoting the association between histone H4 and PRMT5. Involved in CCNE1 promoter repression (By similarity). Plays a role in muscle cell differentiation by modulating the recruitment of PRMT5 to the promoter of genes involved in the coordination between cell cycle exit and muscle differentiation. {ECO:0000250, ECO:0000269 PubMed:22193545}.
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Molecular Weight:	18.7 kDa
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UniProt:	Q9CQ13
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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.
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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