

Datasheet for ABIN7553229
CDX1 Protein (AA 1-265) (His tag)



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Overview

Quantity:	1 mg
Target:	CDX1
Protein Characteristics:	AA 1-265
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This CDX1 protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS)

Product Details

Purpose:	Custom-made recombinat CDX1 Protein expressed in mammalien cells.
Sequence:	MYVGYVLDKD SPVYGPARP ASLGLGPQAY GPPAPPPAPP QYPDFSSYSH VEPAPAPPTA WGAPFPAPKD DWAAAYGPGP AAPAASPASL AFGPPPDPFSP VPAPPGPGPG LLAQPLGGPG TPSSPGAQRP TPYEWRRSV AAGGGGGSGK TRTKDKYRVV YTDHQRLELE KEFHYSRYIT IRRKSELAAN LGLTERQVKI WFQNRRAKER KVNKKKQQQQ QPPQPPMAHD ITATPAGPSL GGLCPSNTSL LATSSPMPVK EEFLP 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.
Characteristics:	<p>Key Benefits:</p> <ul style="list-style-type: none">• Made to order protein - from design to production - by highly experienced protein experts.• Protein expressed in mammalien 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, Western Blot
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Grade:	custom-made
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Target Details

Target:	CDX1
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Alternative Name:	CDX1 (CDX1 Products)
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Background:	Homeobox protein CDX-1 (Caudal-type homeobox protein 1),FUNCTION: Plays a role in transcriptional regulation (PubMed:24623306). Involved in activated KRAS-mediated transcriptional activation of PRKD1 in colorectal cancer (CRC) cells (PubMed:24623306). Binds to the PRKD1 promoter in colorectal cancer (CRC) cells (PubMed:24623306). Could play a role in the terminal differentiation of the intestine. Binds preferentially to methylated DNA (PubMed:28473536). {ECO:0000269 PubMed:24623306, ECO:0000269 PubMed:28473536}.
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Molecular Weight:	28.1 kDa
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UniProt:	P47902
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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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Restrictions:	For Research Use only
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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