

Datasheet for ABIN7562779
HOXA9 Protein (AA 1-271) (His tag)



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Overview

Quantity:	1 mg
Target:	HOXA9
Protein Characteristics:	AA 1-271
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This HOXA9 protein is labelled with His tag.
Application:	SDS-PAGE (SDS), Western Blotting (WB)

Product Details

Purpose:	Custom-made recombinat Hoxa9 Protein expressed in mammalien cells.
Sequence:	MATTGALGNY YVDSFLLGAD AADELGAGRY APGTLGQPPR QAAALAEHPD FSPCSFQSKA AVFGASWNPV HAAGANAVPA AVYHHHHHPY VHPQAPVAAA APDGRYMRSW LEPTPGALSF AGLPSSRPYG IKPEPLSARR GDCPTLDTHT LSLTDYACGS PPVDREKQPS EGAFSENNAE NESGGDKPPI DPNNPAANWL HARSTRKKRC PYTKHQ TLEL EKEFLFNMYL TRDRRYEVAR LLNLTERQVK IWFQNRMMKM KKINKDRAKD E 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:	Key Benefits: <ul style="list-style-type: none">• Made to order protein - from design to production - by highly experienced protein experts.

Product Details

- Protein expressed in mammalian cells and purified in one-step affinity chromatography
- The optimized expression system ensures reliability for intracellular, secreted and 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:	HOXA9
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Alternative Name:	Hoxa9 (HOXA9 Products)
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Background:	Homeobox protein Hox-A9 (Homeobox protein Hox-1.7),FUNCTION: Sequence-specific transcription factor which is part of a developmental regulatory system that provides cells with specific positional identities on the anterior-posterior axis. Required for induction of SELE/E-selectin and VCAM1 on the endothelial cell surface at sites of inflammation (By similarity). Positively regulates EIF4E-mediated mRNA nuclear export and also increases the translation efficiency of ODC mRNA in the cytoplasm by competing with factors which repress EIF4E activity such as PRH (PubMed:15657436). {ECO:0000250 UniProtKB:P31269, ECO:0000269 PubMed:15657436}.
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Molecular Weight:	29.9 kDa
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UniProt:	P09631
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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
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Application Details

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