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Datasheet for ABIN7562748
HOXA4 Protein (AA 1-285) (His tag)

Overview

Quantity:	1 mg
Target:	HOXA4
Protein Characteristics:	AA 1-285
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This HOXA4 protein is labelled with His tag.
Application:	SDS-PAGE (SDS), Western Blotting (WB)

Product Details

Purpose:	Custom-made recombinat Hoxa4 Protein expressed in mammalien cells.
Sequence:	MTMSSFLINS NYIEPKFPPF EEFAPHGGPG GGDGAVGGGP GYPRPQSAPH LPAPNPHAAR QPPAYYAPRA REPSYPGGLY PAAAAACPYA CRGASPGRPE QSPAPGAHPS PAPQPPVPLG HCAPGPTTPA VATGGSAPAC PLLLADQGPA GPKGKEPVVY PWMKKIHVSA VNSSYNGGEP KRSRTAYTRQ QVLELEKEFH FNRYLTRRRR IEIAHTLCLS ERQVKIWFQN RRMKWKKDHK LPNTKMRSSN TASAPAGPPG KAQTHSPHHH PHPLPGASTP IPSSI 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:	HOXA4
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Alternative Name:	Hoxa4 (HOXA4 Products)
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Background:	Homeobox protein Hox-A4 (Homeobox protein Hox-1.4) (Homeobox protein MH-3),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. Binds to sites in the 5'-flanking sequence of its coding region with various affinities. The consensus sequences of the high and low affinity binding sites are 5'-TAATGA[CG]-3' and 5'-CTAATTTT-3'.
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Molecular Weight:	30.5 kDa
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UniProt:	P06798
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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