

Datasheet for ABIN7548398

Homeobox D13 Protein (HOXD13) (AA 1-343) (His tag)[Go to Product page](#)

Overview

Quantity:	1 mg
Target:	Homeobox D13 (HOXD13)
Protein Characteristics:	AA 1-343
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This Homeobox D13 protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS)

Product Details

Purpose:	Custom-made recombinat HOXD13 Protein expressed in mammalian cells.
Sequence:	MSRAGSWDMD GLRADGGGAG GAPASSSSSS VAAAAASGQC RGFLSAPVFA GTHSGRAAAA AAAAAAAAAA ASGFAYPGTS ERTGSSSSSS SSAVVAARPE APPAKECPAP TPAAAAAAPP SAPALGYGYH FGNQYYSRDM SHGVGLQQNA LKSSPHASLG GFPVEKYMDV SGLASSVPA NEVPARAKEV SFYQGYTSPY QHVPGYIDMV STFGSGEPRH EAYISMEGYQ SWTLANGWNS QVYCTKDQPQ GSHFWKSSFP GDVALNQPDM CVYRRGRKKR VPYTKLQLKE LENEYAINKF INKDKRRRIS AATNLSERQV TIWFQNRVRK DKKIVSKLKD TVS 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:

Product Details

- 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 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:	Homeobox D13 (HOXD13)
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Alternative Name:	HOXD13 (HOXD13 Products)
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Background:	Homeobox protein Hox-D13 (Homeobox protein Hox-4l),FUNCTION: Sequence-specific transcription factor that binds gene promoters and activates their transcription (PubMed:24789103). Part of a developmental regulatory system that provides cells with specific positional identities on the anterior-posterior axis (By similarity). {ECO:0000250 UniProtKB:P24344, ECO:0000269 PubMed:24789103}.
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Molecular Weight:	36.1 kDa
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UniProt:	P35453
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Pathways:	Synaptic Membrane
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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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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