

Datasheet for ABIN7548299
HHEX Protein (AA 1-270) (His tag)



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Overview

Quantity:	1 mg
Target:	HHEX
Protein Characteristics:	AA 1-270
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This HHEX protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS)

Product Details

Purpose:	Custom-made recombinat HHEX Protein expressed in mammalien cells.
Sequence:	<p>MQYPHPGPAAGAVGVPLYAPTLLQPAHPTPFYIEDILGRGPAAPTPAPTLPSPNSSFTSLVSPYRTPVYEPTPIHPAFSHHSAAALAAA YGPGGFGGPL YFPRTVNDY THALLRHDPLGKPLLWSPFLQRPLHKRKGQVRFNSNDQTI ELEKKFETQK YLSPPERKRL AKMLQLSERQVKTWFQNRRA KWRRLKQENP QSNKKEELES LDSSCDQRQD LPSEQNKGAS LDSSQCSPSPASQEDLESEI SEDSDQEVDI EGDKSYFNAG 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.</p>

Characteristics:	Key Benefits: <ul style="list-style-type: none">Made to order protein - from design to production - by highly experienced protein experts.
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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:	HHEX
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Alternative Name:	HHEX (HHEX Products)
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Background:	Hematopoietically-expressed homeobox protein HHEX (Homeobox protein HEX) (Homeobox protein PRH) (Proline-rich homeodomain protein),FUNCTION: Recognizes the DNA sequence 5'-ATTAA-3' (By similarity). Transcriptional repressor (By similarity). Activator of WNT-mediated transcription in conjunction with CTNNB1 (PubMed:20028982). Establishes anterior identity at two levels, acts early to enhance canonical WNT-signaling by repressing expression of TLE4, and acts later to inhibit NODAL-signaling by directly targeting NODAL (By similarity). Inhibits EIF4E-mediated mRNA nuclear export (PubMed:12554669). May play a role in hematopoietic differentiation (PubMed:8096636). {ECO:0000250 UniProtKB:P43120, ECO:0000269 PubMed:12554669, ECO:0000269 PubMed:20028982, ECO:0000269 PubMed:8096636}.
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Molecular Weight:	30.0 kDa
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UniProt:	Q03014
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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.

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
