

Datasheet for ABIN7562780

HOXB8 Protein (AA 1-243) (His tag)



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3 Images

Overview

Quantity:	1 mg
Target:	HOXB8
Protein Characteristics:	AA 1-243
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This HOXB8 protein is labelled with His tag.

Product Details

Purpose:	Made-to-order recombinant Hoxb8 Protein expressed in mammalian cells.
Sequence:	<p>MSSYFVNSLF SKYKTGESLR PNYYDCGFAQ DLGGRPTVVY GPSSGGSFQH PSQIQEFYHG</p> <p>PSSLSTAPYQ QNPCAVACHG DPGNFYGYDP LQRQSLFGAQ DPDLVQYADC KLAAASGLGE</p> <p>EAEGSEQSPS PTQLFPWMPR QAAAGRRRGR QTYSRYQTLE LEKEFLFNPY LTRKRRIEVS</p> <p>HALGLTERQV KIWFQNRMRK WKKENNKDKF PSSKCEQEEL EKEKLERAPE TAEQGDAQKG DKK</p> <p>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>
Specificity:	If you are looking for a specific domain and are interested in a partial protein or a different isoform, please contact us regarding an individual offer.
Characteristics:	<p>Key Benefits:</p> <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, anti-tag ELISA, Western Blot and analytical SEC (HPLC)
Grade:	custom-made

Target Details

Target:	HOXB8
Alternative Name:	Hoxb8 (HOXB8 Products)
Background:	Homeobox protein Hox-B8 (Homeobox protein Hox-2.4),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.
Molecular Weight:	27.6 kDa
UniProt:	P09632

Application Details

Application Notes:	We expect the protein to work for functional studies. As the protein has not been tested for functional studies yet we cannot offer a guarantee though.
Restrictions:	For Research Use only

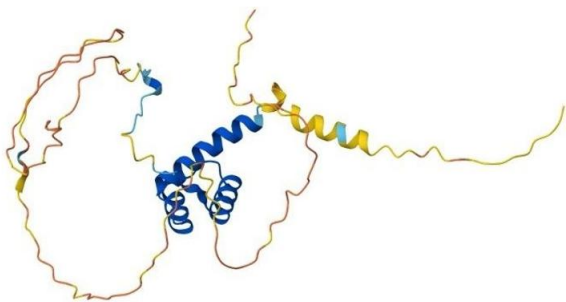
Handling

Format:	Liquid
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Handling

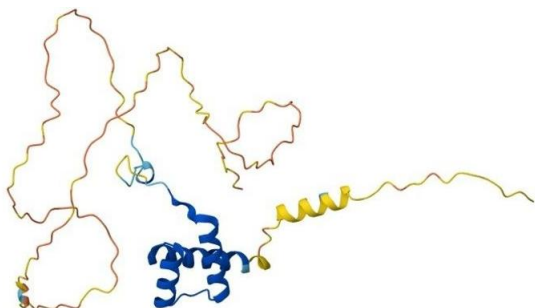
Buffer:	The buffer composition is at the discretion of the manufacturer.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-80 °C
Storage Comment:	Store at -80°C.
Expiry Date:	12 months

Images



Protein Structure

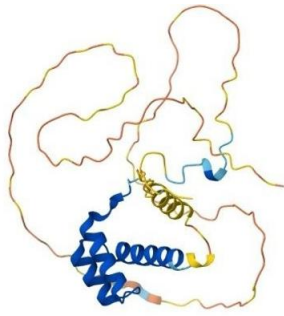
Image 1. AlphaFold protein structure prediction of Mouse Recombinant Hoxb8 Protein, UniprotID P09632



Protein Structure

Image 2. AlphaFold protein structure prediction of Mouse Recombinant Hoxb8 Protein, UniprotID P09632





Protein Structure

Image 3. AlphaFold protein structure prediction of Mouse Recombinant Hoxb8 Protein, UniprotID P09632