

Datasheet for ABIN7548331
HMX1 Protein (AA 1-348) (His tag)



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Overview

Quantity:	1 mg
Target:	HMX1
Protein Characteristics:	AA 1-348
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This HMX1 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant HMX1 Protein expressed in mammalian cells.
Sequence:	MPDELTEPGR ATPARASSFL IENLLAAEAK GAGRATQGDG SREDEEEDDD DPEDEDAEQA RRRRLQRRRQ LLAGTGPGGE ARARALLGPG ALGLGPRPPP GPGPPFALGC GGAARWYPRA HGGYGGGLSP DTSRDSPET GEEMGRAEGA WPRGPGPGAV QREAAELAAR GPAAGTEEAS ELAEVPAAAG ETRGGVGVGG GRKKKTRTVF SRSQVFQLES TFDLKRYLSS AERAGLAASL QLTETQVKIW FQNRNKKWR QLAAELEAAS LSPPGAQRLV RVPVLYHESP PAAAAAGPPA TLPFPLAPAA PAPPPLLGF SGALAYPLAA FPAASVPFL RAQMPGLV 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.
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:	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, anti-tag ELISA, Western Blot and analytical SEC (HPLC)
Grade:	custom-made

Target Details

Target:	HMX1
Alternative Name:	HMX1 (HMX1 Products)
Background:	Homeobox protein HMX1 (Homeobox protein H6),FUNCTION: DNA-binding protein that binds to the 5'-CAAG-3' core sequence. May function as a transcriptional repressor. Seems to act as a transcriptional antagonist of NKX2-5. May play an important role in the development of craniofacial structures such as the eye and ear. {ECO:0000269 PubMed:10206974}.
Molecular Weight:	36.2 kDa
UniProt:	Q9NP08

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
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