

Datasheet for ABIN7563246

HMx3 Protein (AA 1-356) (His tag)



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Overview

Quantity:	1 mg
Target:	HMx3
Protein Characteristics:	AA 1-356
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This HMx3 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant Hmx3 Protein expressed in mammalian cells.
Sequence:	MPEGPDASG TASAPPPQPP PQPPAPKESP FSIRNLLNGD HHRPPPKPQP PPRTLAFAPAS AAAAAAAAAA AAAKGALEGA AGFALSQVGD LAFPRFEIPA QRFALPAHYL ERSPAWWYPY TLTPAGGHLP RPEASEKALL RDSSPASGTD RDSPEPLLKA DPDHKELDSK SPDEIILEES DSEEGKKEGE AVPGAAGTTV GATTATPGSE DWKAGAESPE KKPACRKKKT RTVFSRSQVF QLESTFDMKR YLSSSERAGL AASLHLTETQ VKIWFQNRRN KWKRQLAAEL EAANLSHAAA QRIVRVPILY HENSAAEGAA AAAGAPVPVS QPLLTFFHPV YYSHPVVSSV PLLRPV 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:	HMX3
Alternative Name:	Hmx3 (HMX3 Products)
Background:	Homeobox protein HMX3 (Homeobox protein H6 family member 3) (Homeobox protein Nkx-5.1),FUNCTION: Transcription factor involved in specification of neuronal cell types and which is required for inner ear and hypothalamus development. Binds to the 5'-CAAGTG-3' core sequence. Controls semicircular canal formation in the inner ear. Also required for hypothalamic/pituitary axis of the CNS. {ECO:0000269 PubMed:15363417, ECO:0000269 PubMed:9389661, ECO:0000269 PubMed:9435283}.
Molecular Weight:	37.9 kDa
UniProt:	P42581

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