

Datasheet for ABIN7557728

HLX Protein (AA 1-476) (His tag)



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Overview

Quantity:	1 mg
Target:	HLX
Protein Characteristics:	AA 1-476
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This HLX protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant Hlx Protein expressed in mammalian cells.
Sequence:	<p>MFAAGLAPFY ASNFSLWSAA YCSSAGPGGC SFALDPAAVK KPSFCIADIL HAGVGEPGPA AEGLVGASAA LTAHLGSVHP HASFQAAARS PLRPTPVVAP SEVPAGFPQR LSPLSAAFHQ HLPQQSPTQQ QQPQQPPPP PRAVSLQPPT SGTRVVPHHS GSAPAPSSKD LKFGIDRILS AEFDPKVKEG NTLRDLTSLT TGGRPAGVHL AGLQPSAGQF FASLDPISEA SAILSPLSSN PRNSVQHQQFQ DTFPGPYAVL TKDTPMQTYK RKRSWSRAVF SNLQRKGLEK RFEIQKYVTK PDRKQLAAML GLTDAQVKVW FQNRMRMKWRH SKEAQAQKDK DKEAGEKPSG GVPAEGEREE RSPSRSEGEA ESESSDSESL DMAPSDTERT EGTERSLHQT TVIKASAAGA LITASSTSG SSFSFSSTSS LGSGNTHVGS ASSLGNCSE LPSAHQPSVT SSPQSPEIAQ APLAGL 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

Product Details

isoform, please contact us regarding an individual offer.

Characteristics:

Key Benefits:

- 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:

HLX

Alternative Name:

HLx ([HLX Products](#))

Background:

H2.0-like homeobox protein (Homeobox protein HLX1),FUNCTION: Transcription factor required for TBX21/T-bet-dependent maturation of Th1 cells as well as maintenance of Th1-specific gene expression. Involved in embryogenesis and hematopoiesis. {ECO:0000269|PubMed:12055627}.

Molecular Weight:

50.1 kDa

UniProt:

[Q61670](#)

Pathways:

[Positive Regulation of Immune Effector Process](#)

Application Details

Application Notes:

We expect the protein to work for functional studies. As the protein has not been tested for

Application Details

	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