

Datasheet for ABIN7556278

MIXL1 Protein (AA 1-231) (His tag)



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Overview

Quantity:	1 mg
Target:	MIXL1
Protein Characteristics:	AA 1-231
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This MIXL1 protein is labelled with His tag.
Application:	SDS-PAGE (SDS), Western Blotting (WB)

Product Details

Purpose:	Custom-made recombinat Mixl1 Protein expressed in mammalien cells.
Sequence:	<p>MAAAGSQQQLQ FAEGAAFPPIF PAAHPGGQLL PAMRPASGLP AAPHDSRAPA ATQCFPNRDS</p> <p>SPTAQTPAGL DPPGPSKGS AAPSAPQRRKR TSFSSEQLQL LELVFRQTMYPDIHLRERLA</p> <p>ALTLLPESRI QVWFQNRRAK SRRQSGKSFQ PLSSRRGVFL HCPAPGTEAR CLKPQLPLEA</p> <p>DVNHVPDPSM TGGGVCTSGS QSFETYSSLS EDIGSKLDSW EEHIFSALGN F 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:	<p>Key Benefits:</p> <ul style="list-style-type: none"> • Made to order protein - from design to production - by highly experienced protein experts. • Protein expressed in mammalien cells and purified in one-step affinity chromatography • The optimized expression system ensures reliability for intracellular, secreted and

Product Details

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

Grade: custom-made

Target Details

Target: MIXL1

Alternative Name: Mixl1 ([MIXL1 Products](#))

Background: Homeobox protein MIXL1 (Homeodomain protein MIX) (mMix) (MIX1 homeobox-like protein 1) (Mix.1 homeobox-like protein),FUNCTION: Transcription factor that play a central role in proper axial mesendoderm morphogenesis and endoderm formation. Required for efficient differentiation of cells from the primitive streak stage to blood, by acting early in the recruitment and/or expansion of mesodermal progenitors to the hemangioblastic and hematopoietic lineages. Also involved in the morphogenesis of the heart and the gut during embryogenesis. Acts as a negative regulator of brachyury expression. {ECO:0000269|PubMed:12117810, ECO:0000269|PubMed:15673572, ECO:0000269|PubMed:16403910, ECO:0000269|PubMed:17060613, ECO:0000269|PubMed:17151016, ECO:0000269|PubMed:17446562}.

Molecular Weight: 24.8 kDa

UniProt: [Q9WUI0](#)

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

Application Details

	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