

Datasheet for ABIN7556592
LMO4 Protein (AA 1-165) (His tag)



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Overview

Quantity:	1 mg
Target:	LMO4
Protein Characteristics:	AA 1-165
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This LMO4 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant Lmo4 Protein expressed in mammalian cells.
Sequence:	MVNPGSSSQP PPVTAGSLSW KRCAGCGGKI ADRFLLYAMD SYWHSRCLKC SCCQAQLGDI GTSCYTKSGM ILCRNDYIRL FGNSGACSAC GQSIPASELV MRAQGNVYHL KCFTCSTCRN RLVPGDRFH Y INGS LFCEHD RPTALINGHL NSLQSNPLLP DQKVC 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: <ul style="list-style-type: none">• 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

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, anti-tag ELISA, Western Blot and analytical SEC (HPLC)
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Grade:	custom-made
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Target Details

Target:	LMO4
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Alternative Name:	Lmo4 (LMO4 Products)
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Background:	LIM domain transcription factor LMO4 (Breast tumor autoantigen) (LIM domain only protein 4) (LMO-4),FUNCTION: Transcription cofactor (PubMed:18539116). Plays a role in establishing motor neuron identity, in concert with MNX1, acting, at least in part, to disrupt LDB1-LHX3 complexes thereby negatively modulating interneuron genes in motor neurons (PubMed:18539116). {ECO:0000269 PubMed:18539116}.
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Molecular Weight:	18.0 kDa
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UniProt:	P61969
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Pathways:	Tube Formation
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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.
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Restrictions:	For Research Use only
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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