

Datasheet for ABIN7549592

Musculin Protein (MSC) (AA 1-206) (His tag)[Go to Product page](#)

Overview

Quantity:	1 mg
Target:	Musculin (MSC)
Protein Characteristics:	AA 1-206
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This Musculin protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS)

Product Details

Purpose:	Custom-made recombinat MSC Protein expressed in mammalien cells.
Sequence:	MSTGVSVDPE EMELRGLQRE YVPASKRPP LRGVERSYAS PSDNSSAE EEE DPDGEEERCA LGTAGSAEGC KRKRPRVAGG GGAGGSAGGG GKKPLPAKGS AAECKQSQRN AANARERARM RVLSKAFSRL KTSLPWVPPD TKLSKLDTLR LASSYIAHLR QLLQEDRYEN GYVHPVNLTW PFVVSGRPDS DTKEVSAANR LCGTTA 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.
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 mammalien cells and purified in one-step affinity chromatography• The optimized expression system ensures reliability for intracellular, secreted and transmembrane proteins.

Product Details

- 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:	Musculin (MSC)
---------	----------------

Alternative Name:	MSC (MSC Products)
-------------------	--------------------------------------

Background:	Musculin (Activated B-cell factor 1) (ABF-1) (Class A basic helix-loop-helix protein 22) (bHLHa22),FUNCTION: Transcription repressor capable of inhibiting the transactivation capability of TCF3/E47. May play a role in regulating antigen-dependent B-cell differentiation.
-------------	--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

Molecular Weight:	22.1 kDa
-------------------	----------

UniProt:	O60682
----------	------------------------

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 guarantee though.
--------------------	--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

Restrictions:	For Research Use only
---------------	-----------------------

Handling

Format:	Liquid
---------	--------

Buffer:	The buffer composition is at the discretion of the manufacturer.
---------	------------------------------------------------------------------

Handling

Handling Advice: Avoid repeated freeze-thaw cycles.

Storage: -80 °C

Storage Comment: Store at -80°C.

Expiry Date: 12 months