

Datasheet for ABIN7554564
MKL2 Protein (AA 1-1088) (His tag)



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Overview

Quantity:	1 mg
Target:	MKL2
Protein Characteristics:	AA 1-1088
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This MKL2 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant MRTFB Protein expressed in mammalian cells.
Sequence:	MIDSSKKQQQ GFPEIL TAGD FEPLKEKECL EGSNQKSLKE VLQLRLQRR TREQLVDQGI MPPLKSPA AF HEQIKSLERA RTENFLKHKI RSRPDRSELV RMHILEETFA EPSLQATQMK LKRARLADDL NEKIAQRPGP MELVEKNILP VDSSVKEAII GVGKEDYPHT QGDFSFEDEDS SDALSPDQPA SQESQGSAA S PSEPKVSESP SPVTTNTPAQ FASVSPTVPE FLKTPPTADQ PPRPAAPVL PTNTVSSAKP GPALVKQSH P KNPNDKHR SK KCKDPKPRVK KLKYHQYIPP DQKGEKNEPQ MDSNYARLLQ QQLFLQLQI LSQQKQHYN Y QTILPAPFKP LNDKNSNSGN SALNNATPNT PRQNTSTPVR KPGPLPSSLD DLKVSELKTE LKLRGLPVSG TKPD LIERLK PYQEVNSSGL AAGGIVAVSS SAIVTSNPEV TVALPVTTLH NTVTSSVSTL KAELPPTGTS NATRVENVHS PLPISPSPSE QSSLSTDDTN MADTFTEIMT MMSPSQFLSS SPLRMTNNE D SLSPTSSTLS NLELDAAEKD RKLQEKEKQI EELKRKLEQE QKLVEVLKMQ LEVEKRGQQQ RPLEAQPSAP GHSVKSDQKH GSLGSSIKDE ASLPDCSSSR QPIPVASHAV GQPVSTGGQT LVAKKAVVIK QEVPVQAEQ QSVVSQFYVS SQGQPPPAVV AQPQALLTTQ TAQLLLPVSI

Product Details

QGSSVTSVQL PVGSLKLQTS PQAGMQTQPQ IATAAQIPTA ALASGLAPTV PQTQDTFPQH
VLSQPQQVRK VFTNSASSNT VLPYQRHPAP AVQQPFINKA SNSVLQSRNA PLPSLQNGPN
TPNKSSPPP PQQFVVQHSL FGSPVAKTKD PPRYEEAIKQ TRSTQAPLPE ISNAHSQQMD
DLFDILIKSG EISLPIKEEP SPISKMRPVT ASITTMPVNT VVSRPPPQVQ MAPPVSLPEM
GSLASLENQ LEAFLDGTLP SANEIPPLQS SSEDREPFSL IEDLQNDLLS HSGMLDHSHS
PMETSETQFA AGTPCLSLDL SDSNLDNMEW LDITMPNSSF GLTPLSTTAP SMFSADFLDP
QDLPLPWD **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:**

- 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: MKL2

Alternative Name: MRTFB ([MKL2 Products](#))

Background: Myocardin-related transcription factor B (MRTF-B) (MKL/myocardin-like protein 2) (Megakaryoblastic leukemia 2),FUNCTION: Acts as a transcriptional coactivator of serum

Target Details

response factor (SRF). Required for skeletal myogenic differentiation.
{ECO:0000269|PubMed:14565952}.

Molecular Weight: 118.1 kDa

UniProt: [Q9ULH7](#)

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