

Datasheet for ABIN7563484
MKL2 Protein (AA 1-1080) (His tag)



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Overview

Quantity:	1 mg
Target:	MKL2
Protein Characteristics:	AA 1-1080
Origin:	Mouse
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:	MIDSSKKQPQ GFPEILTAED FEPFKEKECL EGSNQKSLKE VLQLRLQQR TREQLVDQGI MPPLKSPA AF HEQIKSLERA RTENFLKHKI RSRPDRSELV RMHILEETFA EPSLQATQMK LKRARLADDL NEKIAQRPGP MELVEKNILP VDSSVKEAII GVKKEDYPHT HGEFSFDEDS SDALSPDQPA SQESQGSAA S PSEPKVSASP PPVTASTPAQ FTSVSPAVPE FLKTPLTADQ PPTRSTAPVL PTNTVSSAKS GPMLVKQSH P KNPNDKHR SK KCKDPKPRVK KLKYHQYIPP NQGKGEKSE PQ MDSNYARLLQ QQQLFLQLQI LSQQQQQQQQ QHYN YQTILP APIKTDKNSS SGSNSGSSSS MPARRGPLP SSLDDLKVSE LKTELKLRGL PVS GTKPDLI ERLKPYQEV T SSNLATGSIV AVSSATIVTS NPEVTVALPV TTLHNAV TSS VSTFKADLAL PATSSVPHVE NAHSPLPISP SPSEQSSLST DDTNMTDTFT EIMTMMSPSQ LLCSSPLRVV SHDDSLSPSS STLSTLELDA AEKDRKLQEK EKQIEELKRK LEQEQKLEVEV LKMQLEVEKR GQQRPPDPQP SDPPHPFN TS DPKHG SVGSS IKDEASLPDC SSPQQPITVP GH SVGQPIST GSQTLVAKKT VVVKQEV PMA QAEQQNVVSQ FYLSSQGQPP ALVAQPQALL TTQT TQLLL P VSIQGSNVTS

Product Details

VQLPVGSLQL QTPAQGRVQA QPHVAAATQV PAAALPSALT SALPQKQEAF PQHVLGQPQP
VRKVFTNSAP NTVLQYQRQP GPTNQPFVS KTSNPALQSR TAPLAPLQNG PSLASKPSSP
PPPQQFVVQH SLFATPITKT KDPPRYEEAI KQTRSTQPAL PEVSSVHSQQ MDDLFDILIK
SGEISFPIKE EPSPISKMKP VTASITTMPV NTVVSRPPPQ VQIAPPVSLE PVNSLSASLE
NQLEAFDGT LPSATDTGPL QNSSDRESF SLIEDLQNDL LSHSSMLYQS HSPMETSEAQ
LVSGTPCLSL DLSDSNLDNM EWLDITMPTT SSGLTPLSTT APSMFSADFL DPQDLPLPWD

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),FUNCTION: Acts as a transcriptional coactivator of serum response factor (SRF). Required for skeletal

Target Details

myogenic differentiation. {ECO:0000269|PubMed:12397177}.

Molecular Weight: 117.5 kDa

UniProt: [P59759](#)

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