

Datasheet for ABIN7549311
MAFK Protein (AA 1-156) (His tag)



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Overview

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| Quantity: | 1 mg |
| Target: | MAFK |
| Protein Characteristics: | AA 1-156 |
| Origin: | Human |
| Source: | HEK-293 Cells |
| Protein Type: | Recombinant |
| Purification tag / Conjugate: | This MAFK protein is labelled with His tag. |

Product Details

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| Purpose: | Custom-made recombinant MAFK Protein expressed in mammalian cells. |
| Sequence: | MTTNPKPNKA LKVKKEAGEN APVLSDELV SMSVRELNQH LRGLTKEEVT RLKQRRRTLK NRGYAASCRI KRVTQKEELE RQRVELQEV EKLARENSSM RLELDALRSK YEALQTFART VARGPVAPSK VATTSVITIV KSTELSSTSV PFSAAS 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.

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| 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

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| Target: | MAFK |
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| Alternative Name: | MAFK (MAFK Products) |
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| Background: | Transcription factor MafK (Erythroid transcription factor NF-E2 p18 subunit),FUNCTION: Since they lack a putative transactivation domain, the small Mafs behave as transcriptional repressors when they dimerize among themselves (PubMed:9150357). However, they act as transcriptional activators by dimerizing with other (usually larger) basic-zipper proteins, such as NFE2, NFE2L1/NRF1, NFE2L2/NRF2 and NFE2L3/NRF3, and recruiting them to specific DNA-binding sites (PubMed:9150357, PubMed:8932385). Small Maf proteins heterodimerize with Fos and may act as competitive repressors of the NF-E2 transcription factor (PubMed:9150357). {ECO:0000269 PubMed:8932385, ECO:0000269 PubMed:9150357}. |
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| Molecular Weight: | 17.5 kDa |
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| UniProt: | O60675 |
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Application Details

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| 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