

Recombinant Human MAFK Protein (1-156 aa), His-Myc-tagged

Cat. No. MAFK-2806H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human MAFK Protein (1-156 aa) is produced by Baculovirus expression system. This protein is fused with a 10xHis tag at the N-terminal and a Myc tag at the C-terminal. Research Area: Epigenetics and Nuclear Signaling. Protein Description: Full Length.
Species	Human
Source	Insect Cells
ProteinLength	1-156 aa
Description	Since they lack a putative transactivation domain, the small Mafs behave as transcriptional repressors when they dimerize among themselves. However, they seem to serve as transcriptional activators by dimerizing with other (usually larger) basic-zipper proteins and recruiting them to specific DNA-binding sites. Small Maf proteins heterodimerize with Fos and may act as competitive repressors of the NF-E2 transcription factor.
Form	Tris-based buffer, 50% glycerol
Molecular Mass	21.5 kDa
AA Sequence	MTTNPKPNKALKVKKEAGENAPVLSDDDELVSMSVRELNQHLRGLTKEEVTRLKQRR RTLKNRGYAASCRIKRVTTQKEELERQRVELQQEVEKLARENSSMRLELDALRSKYE ALQTFARTVARGPVAPSKVATTSVITIVKSTELSSSTVSPFSAAS

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Purity	> 85% as determined by SDS-PAGE.
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4 centigrade for up to one week.
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20 centigrade/-80 centigrade. The shelf life of lyophilized form is 12 months at -20 centigrade/-80 centigrade.
Concentration	A hardcopy of COA will be sent along with the products. Please refer to it for detailed information.

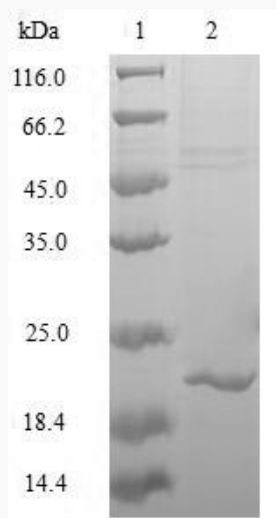
GENE INFORMATION

Gene Name	MAFK MAF bZIP transcription factor K [Homo sapiens (human)]
Official Symbol	MAFK
Synonyms	MAFK; P18; NFE2U;
Gene ID	7975
mRNA Refseq	NM_002360
Protein Refseq	NP_002351
UniProt ID	O60675

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(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

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