

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

Cat. No. MAFK-2309M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse MAFK Protein (1-156 aa) is produced by E. coli expression system. This protein is fused with a 10xHis-SUMO tag at the N-terminal and a Myc tag at the C-terminal. Research Area: Epigenetics and Nuclear Signaling. Protein Description: Full Length.
Species	Mouse
Source	E.coli
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	37.5 kDa
AA Sequence	MTTNPKPNKALKVKKEAGENAPVLSDDDELVSM SVRELNQHLRGLTKEEVTRLKQRR RTLKNRGYAASCRIKRV TQKEELERQRVELQQEVEKLARENSSMRLELDALRSKYE

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ALQTFARTVARGPVTPTKVATTSVITIVKSAELSSTSVPFSAAS

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 v-maf musculoaponeurotic fibrosarcoma oncogene family, protein K (avian) [Mus musculus (house mouse)]

Official Symbol MAFK

Synonyms Mafk; NF-E2; Nfe2u; AW061068;

Gene ID 17135

mRNA Refseq NM_010757

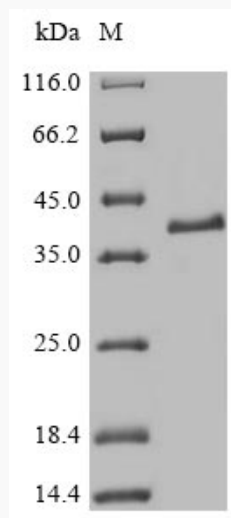
Protein Refseq NP_034887

UniProt ID Q61827

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

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