

32-4153: Recombinant Human V-maf Musculoaponeurotic Fibrosarcoma Oncogene G

Alternative Name : Transcription factor MafG,V-maf musculoaponeurotic fibrosarcoma oncogene homolog G,hMAF,MAFG,hMAF.

Description

Source : Escherichia Coli. MAFG Human Recombinant produced in E.coli is a single, non-glycosylated polypeptide chain containing 182 amino acids (1-162) and having a molecular mass of 20kDa.MAFG is fused to a 20 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques. Transcription factor MafG (MAFG) is a member of the Maf family. Given that they lack a putative transactivation domain, the small Mafs act as transcriptional repressors when they dimerize amongst themselves. Nevertheless, they seem to function as transcriptional activators by dimerizing with other (generally larger) basic-zipper proteins and engaging them to specific DNA-binding sites. Small Maf proteins heterodimerize with Fos and may function as competitive repressors of the NF-E2 transcription factor.

Product Info

Amount : 10 µg
Purification : Greater than 90% as determined by SDS-PAGE.
Content : The MAFG solution (0.25mg/ml) contains 20mM Tris-HCl buffer (pH8.0), 40% glycerol, 0.15M NaCl and 1mM DTT.
Storage condition : Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA).Avoid multiple freeze-thaw cycles.
Amino Acid : MGSSHHHHHH SSGLVPRGSH MTPNKGKKA LKVKREPGEN GTSLTDEELV TMSVRELNQH
LRGLSKEEIV QLKQRRRTLK NRGYAASCRV KRVTQKEELE KQKAEHQEV EKLASENASM KLELDALRSK
YEALQTFART VARSPVAPAR GPLAAGLGPL VPGKVAATSV ITIVKSKTDA RS.