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32-4152: Recombinant Human V-maf Musculoaponeurotic Fibrosarcoma Oncogene F

Alternative Name : hMafF,U-MAF,Transcription factor MafF,U-Maf,V-maf musculoaponeurotic fibrosarcoma oncogene homolog F,MAFF.

Description

Source : E.coli. MAFF Human Recombinant produced in E. coli is a single polypeptide chain containing 187 amino acids (1-164) and having a molecular mass of 20.1kDa. MAFF is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques. V-maf Musculoaponeurotic Fibrosarcoma Oncogene F (MAFF) which is expressed in the term myometrium and kidney is a basic leucine zipper (bZIP) transcription factor which lacks a transactivation domain. MAFF is known to bind the US-2 DNA element in the promoter of the oxytocin receptor (OTR) gene and probably heterodimerizes along with other leucine zipper-containing proteins to enhance expression of the OTR gene throughout pregnancy period. MAFF also forms homodimers, and since it lacks a transactivation domain, the homodimer operates as a repressor of transcription.

Product Info

Amount :	20 µg
Purification :	Greater than 85% as determined by SDS-PAGE.
Content :	The MAFF solution (1mg/ml) contains 20mM Tris-HCl buffer (pH8.0), 10% glycerol and 0.4M Urea.
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 MGSMSVDPLS SKALKIKREL SENTPHLSDE ALMGLSVREL NRHLRGLSAE EVTRLKQRRR TLKNRGYAAS CRVKRVCQKE ELQKQKSELE REVDKLAREN AAMRLELDAL RGKCEALQGF ARSVAAARGP ATLVAPASVI TIVKSTPGSG SGPAHGPDPA HGPASCS.

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