

Recombinant Human MAFF Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. MAFF-4479H **Lot. No.** (See product label)

SPECIFICATION

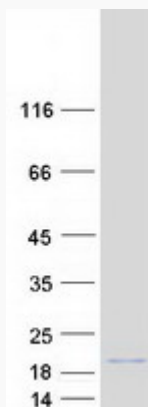
Product Overview	MAFF MS Standard C13 and N15-labeled recombinant protein (NP_036455) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	The protein encoded by this gene is a basic leucine zipper (bZIP) transcription factor that lacks a transactivation domain. It is known to bind the US-2 DNA element in the promoter of the oxytocin receptor (OTR) gene and most likely heterodimerizes with other leucine zipper-containing proteins to enhance expression of the OTR gene during term pregnancy. The encoded protein can also form homodimers, and since it lacks a transactivation domain, the homodimer may act as a repressor of transcription. This gene may also be involved in the cellular stress response. Multiple transcript variants encoding two different isoforms have been found for this gene.
Molecular Mass	17.6 kDa
AA Sequence	MSVDPLSSKALKIKRESENTPHLSDEALMGLSVRELNRHLRGLSAEEVTRLKQRRR TLKNRGYAASCRVKRVCQKEELQKQKSELEREVDKLARENAAMRLELDALRGKCEA LQGFARSVAAARGPATLVAPASVITIVKSTPGSGSGPAHGPDPAHGPASCSTRTRPL EQKLISEEDLAANDILDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.
Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration	50 µg/mL as determined by BCA
Storage Buffer	100 mM glycine, 25 mM Tris-HCl, pH 7.3.
GENE INFORMATION	
Gene Name	MAFF MAF bZIP transcription factor F [Homo sapiens (human)]
Official Symbol	MAFF
Synonyms	MAFF; v-maf musculoaponeurotic fibrosarcoma oncogene homolog F (avian); v maf musculoaponeurotic fibrosarcoma (avian) oncogene family, protein F; transcription factor MafF; hMafF; v-maf avian musculoaponeurotic fibrosarcoma oncogene family protein F; U-MAF;
Gene ID	23764
mRNA Refseq	NM_012323
Protein Refseq	NP_036455
MIM	604877
UniProt ID	Q9ULX9

SDS-PAGE

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