

Product datasheet for PH315609

MAFF (NM_012323) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	MAFF MS Standard C13 and N15-labeled recombinant protein (NP_036455)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC215609
Predicted MW:	17.6 kDa
Protein Sequence:	<p>>RC215609 representing NM_012323</p> <p>Red=Cloning site Green=Tags(s)</p> <p>MSVDPLSSKALKIKRELSENTPHLSDEALMGLSVRELNRHLRGLSAEEVTRLKQRRRTLKNRGYAASCRV KRVCQKEELQKQKSELEREVDKLARENAAMRLELDALRGKCEALQGFARSVAAAARGPATLVAPASVITIV KSTPGSGSGPAHGPDPAHGPAASCS</p> <p>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</p>
Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- 13C6, 15N4]-L-Arginine and [U- 13C6, 15N2]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	NP_036455
RefSeq Size:	2382
RefSeq ORF:	492
Synonyms:	hMaff; U-MAF
Locus ID:	23764
UniProt ID:	Q9ULX9

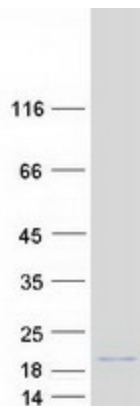

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Cytogenetics: 22q13.1

Summary: 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. [provided by RefSeq, Jun 2009]

Protein Families: Druggable Genome, Transcription Factors

Product images:



Coomassie blue staining of purified MAFF protein (Cat# [TP315609]). The protein was produced from HEK293T cells transfected with MAFF cDNA clone (Cat# [RC215609]) using MegaTran 2.0 (Cat# [TT210002]).