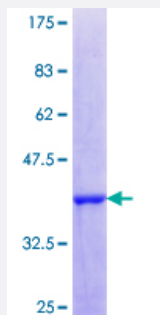


MAFF (Human) Recombinant Protein (Q01)

Catalog # H00023764-Q01

Size 25 ug, 10 ug

Applications



Specification

Product Description	Human MAFF partial ORF (NP_036455.1, 1 a.a. - 110 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	MSVDPLSSKALKIKRESENTPHLSDEALMGLSVRELNRLRGLSAEEVTRLKQRRRTLKNRGYA ASCRVKRVCQKEELQKQKSELEREVDKLARENAAMRLELDALRGK
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	37.84
Interspecies Antigen Sequence	Mouse (89); Rat (90)
Preparation Method	in vitro wheat germ expression system
Purification	Glutathione Sepharose 4 Fast Flow
Quality Control Testing	12.5% SDS-PAGE Stained with Coomassie Blue.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
Note	Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — MAFF

Entrez GeneID [23764](#)

GeneBank Accession# [NM_012323](#)

Protein Accession# [NP_036455.1](#)

Gene Name MAFF

Gene Alias U-MAF

Gene Description v-maf musculoaponeurotic fibrosarcoma oncogene homolog F (avian)

Omim ID [604877](#)

Gene Ontology [Hyperlink](#)

Gene 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]

Other Designations OTTHUMP00000028701|transcription factor MAFF|v-maf avian musculoaponeurotic fibrosarcoma oncogene family protein F