

Datasheet for ABIN5852941
MafF Protein (AA 1-164) (His tag)



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1 Image

Overview

Quantity:	100 µg
Target:	MafF (MAFF)
Protein Characteristics:	AA 1-164
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This MafF protein is labelled with His tag.
Application:	SDS-PAGE (SDS)

Product Details

Sequence: MGSSHHHHHH SSSLVPRGSH MGSMVDPLS SKALKIKREL SENTPHLSDE ALMGLSVREL
NRHLRGLSAE EVTRLKQRRR TLKNRGYAAS CRVKRVCQKE ELQKQKSELE REVDKLAREN
AAMRLELDAL RGKCEALQGF ARSVAAARGP ATLVAPASVI TIVKSTPGSG SGPAHGPDPA
HGPASCS

Purity: > 85 % by SDS - PAGE

Target Details

Target:	MafF (MAFF)
Alternative Name:	MAFF (MAFF Products)
Background:	MAFF 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

Target Details

most likely heterodimerizes with other leucine zipper-containing proteins to enhance expression of the OTR gene during term pregnancy. This protein can also form homodimers, and since it lacks a transactivation domain, the homodimer may act as a repressor of transcription. Recombinant human MAFF protein, fused to His-tag at N-terminus, was expressed in E.coli

Molecular Weight: 20.1 kDa(187aa)

NCBI Accession: [NP_001155045](#)

UniProt: [Q9ULX9](#)

Pathways: [Myometrial Relaxation and Contraction](#)

Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Comment: Denatured

Restrictions: For Research Use only

Handling

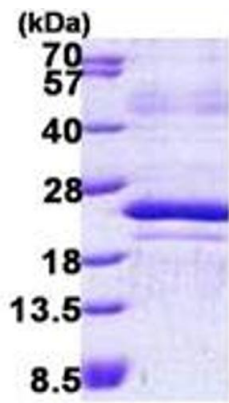
Format: Liquid

Concentration: 1 mg/mL

Buffer: Liquid. 20 mM Tris-HCl buffer (pH 8.0) containing 10 % glycerol 0.4M urea

Storage: 4 °C,-20 °C,-80 °C

Storage Comment: Can be stored at +4C short term (1-2 weeks). For long term storage, aliquot and store at -20C or -70C. Avoid repeated freezing and thawing cycles.



15% SDS-PAGE (3ug)

SDS-PAGE

Image 1.