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## MafF Protein (Transcript Variant 1) (Myc-DYKDDDDK Tag)



Image



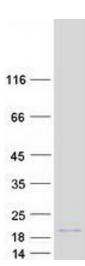
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Overview			
Quantity:	20 μg		
Target:	MafF (MAFF)		
Protein Characteristics:	Transcript Variant 1		
Origin:	Human		
Source:	HEK-293 Cells		
Protein Type:	Recombinant		
Purification tag / Conjugate:	This MafF protein is labelled with Myc-DYKDDDDK Tag.		
Application:	Antibody Production (AbP), Standard (STD)		
Product Details			
Characteristics:	<ul> <li>Recombinant human MAFF (transcript variant 1) protein expressed in HEK293 cells.</li> <li>Produced with end-sequenced ORF clone</li> </ul>		
Purity:	> 80 % as determined by SDS-PAGE and Coomassie blue staining		
Target Details			
Target:	MafF (MAFF)		
Alternative Name:	Maff (MAFF Products)		
Background:	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 zippercontaining proteins to enhance expression of the OTR gene during term pregnancy. The		

## **Target Details**

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	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 Weight:	17.6 kDa	
NCBI Accession:	NP_036455	
Pathways:	Myometrial Relaxation and Contraction	
Application Details		
Application Notes:	Recombinant human proteins can be used for:	
	Native antigens for optimized antibody production	
	Positive controls in ELISA and other antibody assays	
Comment:	The tag is located at the C-terminal.	
Restrictions:	For Research Use only	
Handling		
Concentration:	50 μg/mL	
Buffer:	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10 % glycerol.	
Storage:	-80 °C	
Storage Comment:	Store at -80°C. Thaw on ice, aliquot to individual single-use tubes, and then re-freeze immediately. Only 2-3 freeze thaw cycles are recommended.	



## **Western Blotting**

Image 1. Validation with Western Blot