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MAPRE1 Protein (Myc-DYKDDDDK Tag)



Image



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Overview	
Quantity:	20 μg
Target:	MAPRE1
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This MAPRE1 protein is labelled with Myc-DYKDDDDK Tag.
Application:	Antibody Production (AbP), Standard (STD)
Product Details	
Characteristics:	 Recombinant human MAPRE1 protein expressed in HEK293 cells. Produced with end-sequenced ORF clone
Purity:	> 80 % as determined by SDS-PAGE and Coomassie blue staining
Target Details	
Target:	MAPRE1
Alternative Name:	Mapre1 (MAPRE1 Products)
Background:	The protein encoded by this gene was first identified by its binding to the APC protein which is
	often mutated in familial and sporadic forms of colorectal cancer. This protein localizes to
	microtubules, especially the growing ends, in interphase cells. During mitosis, the protein is
	associated with the centrosomes and spindle microtubules. The protein also associates with
	components of the dynactin complex and the intermediate chain of cytoplasmic dynein.

Target Details

	Because of these associations, it is thought that this protein is involved in the regulation of microtubule structures and chromosome stability. This gene is a member of the RP/EB family.
Molecular Weight:	29.8 kDa
NCBI Accession:	NP_036457
Pathways:	M Phase

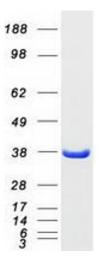
Application Details

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.

Images



Western Blotting

Image 1. Validation with Western Blot