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MID1 Protein (Transcript Variant 4) (Myc-DYKDDDDK Tag)



Image



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Overview		
Quantity:	20 μg	
Target:	MID1	
Protein Characteristics:	Transcript Variant 4	
Origin:	Human	
Source:	HEK-293 Cells	
Protein Type:	Recombinant	
Purification tag / Conjugate:	This MID1 protein is labelled with Myc-DYKDDDDK Tag.	
Application:	Antibody Production (AbP), Standard (STD)	
Product Details		
Characteristics:	 Recombinant human Midline-1 (transcript variant 4) 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:	MID1	
Alternative Name:	Midline-1 (MID1 Products)	
Background:	The protein encoded by this gene is a member of the tripartite motif (TRIM) family, also known as the &aposRING-B box-coiled coil' (RBCC) subgroup of RING finger proteins. The TRIM motif includes three zinc-binding domains, a RING, a B-box type 1 and a B-box type 2, and a coiled-coil region. This protein forms homodimers which associate with microtubules in the	

Target Details

cytoplasm. The protein is likely involved in the formation of multiprotein structures acting as anchor points to microtubules. Mutations in this gene have been associated with the X-linked form of Opitz syndrome, which is characterized by midline abnormalities such as cleft lip, laryngeal cleft, heart defects, hypospadias, and agenesis of the corpus callosum. This gene was also the first example of a gene subject to X inactivation in human while escaping it in mouse. Alternative promoter use, alternative splicing and alternative polyadenylation result in multiple transcript variants that have different tissue specificities.

Molecular Weight:

75.1 kDa

NCBI Accession:

NP_001092094

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.

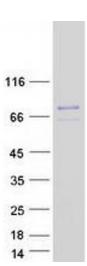
Storage:

-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