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Datasheet for ABIN2733921

Thymopoietin Protein (TMPO) (Transcript Variant 2) (Myc-DYKDDDK Tag)



Go to Product page

1 Image

Overview	
Quantity:	20 μg
Target:	Thymopoietin (TMPO)
Protein Characteristics:	Transcript Variant 2
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This Thymopoietin protein is labelled with Myc-DYKDDDDK Tag.
Application:	Antibody Production (AbP), Standard (STD)
Product Details	
Characteristics:	 Recombinant human TMPO / LAP2 (transcript variant 2) 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:	Thymopoietin (TMPO)
Alternative Name:	Tmpo,lap2 (TMPO Products)
Background:	The protein encoded by this gene resides in the nucleus and may play a role in the assembly of the nuclear lamina, and thus help maintain the structural organization of the nuclear envelope. It may function as a receptor for the attachment of lamin filaments to the inner nuclear
	membrane. Mutations in this gene are associated with dilated cardiomyopathy. Alternatively

Target Details

	spliced transcript variants encoding different isoforms have been noted for this gene.
Molecular Weight:	50.5 kDa
NCBI Accession:	NP_001027454

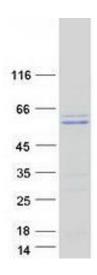
Application Details

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