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Datasheet for ABIN2722867 HMGA1 Protein (Transcript Variant 1) (Myc-DYKDDDDK Tag)



1 Image

Overview

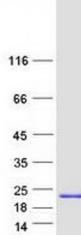
Quantity:	20 µg
Target:	HMGA1
Protein Characteristics:	Transcript Variant 1
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This HMGA1 protein is labelled with Myc-DYKDDDDK Tag.
Application:	Antibody Production (AbP), Standard (STD)
Product Details	
Characteristics:	 Recombinant human HMGA1 / HMGIY (transcript variant 1) 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:	HMGA1
Alternative Name:	Hmga1,hmgiy (HMGA1 Products)
Background:	This gene encodes a chromatin-associated protein involved in the regulation of gene transcription, integration of retroviruses into chromosomes, and the metastatic progression of
	cancer cells. The encoded protein preferentially binds to the minor groove of AT-rich regions in

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Target Details	
	double-stranded DNA. Multiple transcript variants encoding different isoforms have been found
	for this gene. Pseudogenes of this gene have been identified on multiple chromosomes.
Molecular Weight:	11.5 kDa
NCBI Accession:	NP_665906
Pathways:	Nuclear Hormone Receptor Binding, Autophagy
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

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