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## Datasheet for ABIN2727711 NPM1 Protein (Transcript Variant 2) (Myc-DYKDDDDK Tag)



Overview

Image

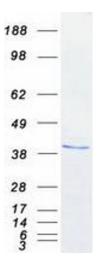
Overview	
Quantity:	20 µg
Target:	NPM1
Protein Characteristics:	Transcript Variant 2
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This NPM1 protein is labelled with Myc-DYKDDDDK Tag.
Application:	Antibody Production (AbP), Standard (STD)
Product Details	
Characteristics:	<ul> <li>Recombinant human Nucleophosmin (transcript variant 2) protein expressed in HEK293 cells.</li> </ul>
	<ul> <li>Produced with end-sequenced ORF clone</li> </ul>
Purity:	> 80 % as determined by SDS-PAGE and Coomassie blue staining
Target Details	
Target:	NPM1
Alternative Name:	Nucleophosmin (NPM1 Products)

Background:	This gene encodes a phosphoprotein which moves between the nucleus and the cytoplasm.
	The gene product is thought to be involved in several processes including regulation of the
	ARF/p53 pathway. A number of genes are fusion partners have been characterized, in particular

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## Target Details

	the anaplastic lymphoma kinase gene on chromosome 2. Mutations in this gene are associated with acute myeloid leukemia. More than a dozen pseudogenes of this gene have been identified. Alternative splicing results in multiple transcript variants.[provided by RefSeq, Nov 2009].
Molecular Weight:	29.3 kDa
NCBI Accession:	NP_954654
Pathways:	Ribonucleoprotein Complex Subunit Organization, Ribosome Assembly
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

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