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Septin 4 Protein (SEPT4) (Transcript Variant 2) (Myc-DYKDDDK Tag)





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Overview	
Quantity:	20 μg
Target:	Septin 4 (SEPT4)
Protein Characteristics:	Transcript Variant 2
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This Septin 4 protein is labelled with Myc-DYKDDDDK Tag.
Application:	Antibody Production (AbP), Standard (STD)
Product Details	
Characteristics:	Recombinant human Septin-4 (SEPT4) (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:	Septin 4 (SEPT4)
Alternative Name:	Septin-4 (Sept4) (SEPT4 Products)
Background:	This gene is a member of the septin family of nucleotide binding proteins, originally described in
	yeast as cell division cycle regulatory proteins. Septins are highly conserved in yeast,
	Drosophila, and mouse, and appear to regulate cytoskeletal organization. Disruption of septin

Target Details

function disturbs cytokinesis and results in large multinucleate or polyploid cells. This gene is
highly expressed in brain and heart. Alternatively spliced transcript variants encoding different
isoforms have been described for this gene. One of the isoforms (known as ARTS) is distinct it
is localized to the mitochondria, and has a role in apoptosis and cancer.

Molecular Weight:	30.6 kDa

NCBI Accession: NP_536340

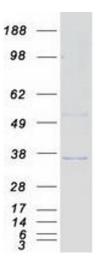
Application Details

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