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Stathmin 1 Protein (STMN1) (Transcript Variant 4) (His tag)



Image

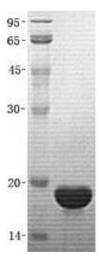


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Overview		
Quantity:	10 μg	
Target:	Stathmin 1 (STMN1)	
Protein Characteristics:	Transcript Variant 4	
Origin:	Human	
Source:	Escherichia coli (E. coli)	
Protein Type:	Recombinant	
Purification tag / Conjugate:	This Stathmin 1 protein is labelled with His tag.	
Application:	Antibody Production (AbP), Standard (STD)	
Product Details		
Characteristics:	 Recombinant human Stathmin / STMN1 (transcript variant 4) protein expressed in E. coli. Produced with end-sequenced ORF clone 	
Purity:	> 95 % as determined by SDS-PAGE and Coomassie blue staining	
Endotoxin Level:	< 0.1 EU per µg protein as determined by LAL test	
Target Details		
Target:	Stathmin 1 (STMN1)	
Alternative Name:	Stathmin,stmn1 (STMN1 Products)	
Background:	This gene belongs to the stathmin family of genes. It encodes a ubiquitous cytosolic	
	phosphoprotein proposed to function as an intracellular relay integrating regulatory signals of	

Target Details

	the cellular environment. The encoded protein is involved in the regulation of the microtubule filament system by destabilizing microtubules. It prevents assembly and promotes disassembly of microtubules. Multiple transcript variants encoding different isoforms have been found for this gene.	
Molecular Weight:	18.4 kDa	
NCBI Accession:	NP_001138926	
Pathways:	MAPK Signaling, Microtubule Dynamics	
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 N-terminal.	
Restrictions:	For Research Use only	
Handling		
Buffer:	Lyophilized from a 0.2 µM filtered solution of 20 mM Phosphate buffer, 150 mM NaCl, pH 7.4. Stable for at least 6 months from date of receipt under proper storage and handling conditions.	
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