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Datasheet for ABIN2732980 SUMO2 Protein (Transcript Variant 2) (Myc-DYKDDDDK Tag)



Overview

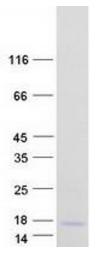
Image

Overview	
Quantity:	20 µg
Target:	SUM02
Protein Characteristics:	Transcript Variant 2
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This SUMO2 protein is labelled with Myc-DYKDDDDK Tag.
Application:	Antibody Production (AbP), Standard (STD)
Product Details	
Characteristics:	 Recombinant human SUMO2 (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:	SUM02
Alternative Name:	Sumo2 (SUMO2 Products)
Background:	This gene encodes a protein that is a member of the SUMO (small ubiquitin-like modifier)
	protein family. It functions in a manner similar to ubiquitin in that it is bound to target proteins
	as part of a post-translational modification system. However, unlike ubiquitin which targets
	proteins for degradation, this protein is involved in a variety of cellular processes, such as

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Target Details

	nuclear transport, transcriptional regulation, apoptosis, and protein stability. It is not active until the last two amino acids of the carboxy-terminus have been cleaved off. Numerous pseudogenes have been reported for this gene. Alternate transcriptional splice variants, encoding different isoforms, have been characterized.
Molecular Weight:	7.9 kDa
NCBI Accession:	NP_001005849
Pathways:	Methionine Biosynthetic Process
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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