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## Datasheet for ABIN2712374 SQSTM1 Protein (Transcript Variant 1) (Myc-DYKDDDDK Tag)



Overview

Image

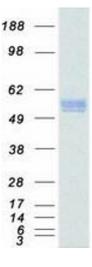
010111011	
Quantity:	20 µg
Target:	SQSTM1
Protein Characteristics:	Transcript Variant 1
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This SQSTM1 protein is labelled with Myc-DYKDDDDK Tag.
Application:	Antibody Production (AbP), Standard (STD)
Product Details	
Characteristics:	<ul> <li>Recombinant human SQSTM1 (transcript variant 1) protein expressed in HEK293 cells.</li> <li>Produced with end-sequenced ORF clone</li> </ul>
Purity:	> 80 % as determined by SDS-PAGE and Coomassie blue staining
Target Details	
Target:	SQSTM1
Alternative Name:	Sqstm1 (SQSTM1 Products)
Background:	This gene encodes a multifunctional protein that binds ubiquitin and regulates activation of the nuclear factor kappa-B (NF-kB) signaling pathway. The protein functions as a scaffolding/adaptor protein in concert with TNF receptor-associated factor 6 to mediate

activation of NF-kB in response to upstream signals. Alternatively spliced transcript variants

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Target Details	
	encoding either the same or different isoforms have been identified for this gene. Mutations in
	this gene result in sporadic and familial Paget disease of bone.
Molecular Weight:	47.5 kDa
NCBI Accession:	NP_003891
Pathways:	NF-kappaB Signaling, Neurotrophin Signaling Pathway, 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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