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## Datasheet for ABIN666979 SQSTM1 Protein (AA 1-356) (His tag)

Image



## Overview

Quantity:	100 µg
Target:	SQSTM1
Protein Characteristics:	AA 1-356
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This SQSTM1 protein is labelled with His tag.
Application:	SDS-PAGE (SDS)
Product Details	
Characteristics:	SQSTM1, 1-356 aa, Human, His-tagged, Recombinant, E.coli
Purity:	> 90 % by SDS-PAGE
Target Details	
Target:	SQSTM1

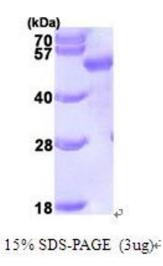
Alternative Name:	SQSTM1 (SQSTM1 Products)
Background:	SQSTM1 is an adapter protein which binds ubiquitin and regulates signaling cascades through
	ubiquitination. It may regulate the activation of NFKB1 by TNF-alpha, nerve growth factor (NGF)
	and interleukin-1 and play a role in titin/TTN downstream signaling in muscle cells. This protein
	also may be involved in cell differentiation, apoptosis, immune response and regulation of K+
	channels. Mutations in the ubiquitin-associated (UBA) domain of the sequestosome 1 protein

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## Target Details

	commonly cause Paget's disease since the UBA is necessary for aggregate sequestration an		
	cell survival. Recombinant SQSTM1 protein, fused to His-tag at C-terminus, was expressed in		
	E.coli and purified by using conventional chromatography techniques. Synonyms: A170, OSIL,		
	p60, p62, p62B, PDB3, ZIP3, Sequestosome 1 EBI 3 associated protein of 60 kDa, ZIP, ZIP 3,		
	EBI3 associated protein of 60 kDa, EBIAP, MGC127197, ORCA.M530, OSF-6, Osi, Oxidative		
	stress induced like, Paget disease of bone 3, PDB 3, Phosphotyrosine independent ligand for the		
	Lck SH2 domain of 62 kDa, Phosphotyrosine independent ligand for the Lck SH2 domain p62,		
	PKC-zeta-interacting protein, Protein kinase C-zeta-interacting protein, SQSTM 1, STAP,		
	STONE14, Ubiquitin binding protein p62,. NCBI no.: NP_001135771		
Molecular Weight:	39.7 kDa (364aa), confirmed by MALDI-TOF (Molecular weight on SDS-PAGE will appear higher)		
Pathways:	NF-kappaB Signaling, Neurotrophin Signaling Pathway, Autophagy		
Application Details			
Restrictions:	For Research Use only		
Handling			
Format:	Liquid		
Concentration:	1 mg/ml (determined by Bradford assay)		
Buffer:	Liquid. In 20mM Tris-HCl buffer(pH 8.0) containing 10% glycerol 1mM DTT.		
Storage:	4 °C		

## Images



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