# antibodies

## Datasheet for ABIN2732246 SMCR7 Protein (Transcript Variant 1) (Myc-DYKDDDDK Tag)



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Quantity:	20 µg	
Target:	SMCR7	
Protein Characteristics:	Transcript Variant 1	
Origin:	Human	
Source:	HEK-293 Cells	
Protein Type:	Recombinant	
Purification tag / Conjugate:	This SMCR7 protein is labelled with Myc-DYKDDDDK Tag.	
Application:	Antibody Production (AbP), Standard (STD)	
Product Details		
Characteristics:	Recombinant human SMCR7 (transcript variant 1) 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:	SMCR7	
Alternative Name:	Smcr7 (SMCR7 Products)	
Background:	This gene encodes an outer mitochondrial membrane protein that functions in the regulation of	
	mitochondrial morphology. It can directly recruit the fission mediator dynamin-related protein 1	
	(Drp1) to the mitochondrial surface. The gene is located within the Smith-Magenis syndrome	
	region on chromosome 17. Alternative splicing results in multiple transcript variants encoding	

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### Target Details

	different isoforms.
Molecular Weight:	49.1 kDa
NCBI Accession:	NP_631901

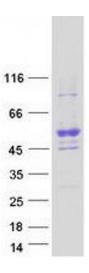
## Application Details

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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