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SMPD1 Protein (Transcript Variant 1) (Myc-DYKDDDDK Tag)



Image



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	Overview		
•	Quantity:	20 μg	
	Target:	SMPD1	

Protein Characteristics:	Transcript Variant 1
Origin:	Human

Source:	HEK-293 Cells

Protein Type:	Recombinant
Purification tag / Conjugate:	This SMPD1 protein is labelled with Myc-DYKDDDDK Tag.

Application:	Antibody Production (AbP), Standard (STD)

Characteristics: • Recombinant human SMPD1 (transcript variant 1) protein expressed in HEK293 cells.

٠	Recombinant numan SMPD1 (transcript variant 1) protein expressed in menzas cens.
•	Produced with end-sequenced ORF clone

Purity:	> 80 % as determined by SDS-PAGE and Coomassie blue staining

Target Details

Product Details

Target:	SMPD1
Alternative Name:	Smpd1 (SMPD1 Products)
Background:	The protein encoded by this gene is a lysosomal acid sphingomyelinase that converts
	sphingomyelin to ceramide. The encoded protein also has phospholipase C activity. Defects in
	this gene are a cause of Niemann-Pick disease type A (NPA) and Niemann-Pick disease type B
	(NPB). Multiple transcript variants encoding different isoforms have been identified.

Target Details

Molecular Weight:	65 kDa
NCBI Accession:	NP_000534

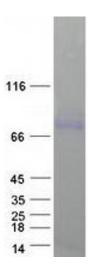
Application Details

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