



# SUMO3 blocking peptide (CDBP6211)

This product is for research use only and is not intended for diagnostic use.

## PRODUCT INFORMATION

<b>Antigen Description</b>	This gene encodes a member of the small ubiquitin-related modifier (SUMO) family of eukaryotic proteins. The encoded protein is covalently conjugated to other proteins via a post-translation modification known as sumoylation. Sumoylation may play a role in a wide variety of cellular processes, including nuclear transport, DNA replication and repair, mitosis, transcriptional regulation, and signal transduction. Alternatively spliced transcript variants encoding distinct proteins have been described. [provided by RefSeq, Feb 2014]
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	Used as a blocking peptide in immunoblotting applications.
<b>Format</b>	Liquid
<b>Concentration</b>	200 µg/mL
<b>Size</b>	0.05 mg
<b>Preservative</b>	None
<b>Storage</b>	-20°C

## GENE INFORMATION

<b>Gene Name</b>	<a href="#">SUMO3 small ubiquitin-like modifier 3 [ Homo sapiens (human) ]</a>
<b>Official Symbol</b>	SUMO3
<b>Synonyms</b>	SUMO3; small ubiquitin-like modifier 3; SMT3A; Smt3B; SMT3H1; SUMO-3; small ubiquitin-related modifier 3; ubiquitin-like protein SMT3B; SMT3 suppressor of mif two 3 homolog 1; SMT3 suppressor of mif two 3 homolog 3

<b>Entrez Gene ID</b>	<a href="#">6612</a>
<b>mRNA Refseq</b>	<a href="#">NM_001286416</a>
<b>Protein Refseq</b>	<a href="#">NP_001273345</a>
<b>UniProt ID</b>	P55854
<b>Pathway</b>	Diurnally regulated genes with circadian orthologs; Metabolism of proteins; Nuclear pore complex; Post-translational protein modification; Processing and activation of SUMO; RNA transport; SUMO is conjugated to E1 (UBA2:SAE1); SUMO is proteolytically processed
<b>Function</b>	protein binding