



SUMO2 blocking peptide (CDBP6210)

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

PRODUCT INFORMATION

Antigen Description	This gene encodes a protein that is a member of the SUMO (small ubiquitin-like modifier) protein family. It functions in a manner similar to ubiquitin in that it is bound to target proteins as part of a post-translational modification system. However, unlike ubiquitin which targets proteins for degradation, this protein is involved in a variety of cellular processes, such as nuclear transport, transcriptional regulation, apoptosis, and protein stability. It is not active until the last two amino acids of the carboxy-terminus have been cleaved off. Numerous pseudogenes have been reported for this gene. Alternate transcriptional splice variants, encoding different isoforms, have been characterized. [provided by RefSeq, Jul 2008]
Conjugate	Unconjugated
Applications	Used as a blocking peptide in immunoblotting applications.
Format	Liquid
Concentration	200 µg/mL
Size	0.05 mg
Preservative	None
Storage	-20°C

GENE INFORMATION

Gene Name	SUMO2 small ubiquitin-like modifier 2 [Homo sapiens (human)]
Official Symbol	SUMO2
Synonyms	SUMO2; small ubiquitin-like modifier 2; HSMT3; SMT3B; SUMO3; Smt3A; SMT3H2; small ubiquitin-related modifier 2; sentrin 2; SMT3 homolog 2; ubiquitin-like protein SMT3A; ubiquitin-

like protein SMT3B; SMT3 suppressor of mif two 3 homolog 2

Entrez Gene ID	6613
mRNA Refseq	NM_001005849
Protein Refseq	NP_001005849
UniProt ID	P61956
Pathway	Glucocorticoid receptor regulatory network; 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
Function	poly(A) RNA binding; protein binding; ubiquitin protein ligase binding