

Recombinant Human SUMO4 cell lysate

Cat. No. SUMO4-1723HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Species	Human
Description	This gene is a member of the SUMO gene family. This family of genes encode small ubiquitin-related modifiers that are attached to proteins and control the target proteins subcellular localization, stability, or activity. The protein described in this record is located in the cytoplasm and specifically modifies IKBA, leading to negative regulation of NF-kappa-B-dependent transcription of the IL12B gene. A specific polymorphism in this SUMO gene, which leads to the M55V substitution, has been associated with type I diabetes. The RefSeq contains this polymorphism.
Size	100 ul
Storage Buffer	1X Sample Buffer (50 mM Tris-HCl, 2% SDS, 10% glycerol, 300 mM 2-mercaptoethanol, 0.01% Bromophenol blue)
Applications	Western Blot;

GENE INFORMATION

Gene Name	SUMO4 SMT3 suppressor of mif two 3 homolog 4 (<i>S. cerevisiae</i>) [<i>Homo sapiens</i>]
Official Symbol	SUMO4
Synonyms	SUMO4; SMT3 suppressor of mif two 3 homolog 4 (<i>S. cerevisiae</i>); SMT3 suppressor

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of mif two 3 homolog 4 (yeast) , SMT3H4; small ubiquitin-related modifier 4; dJ281H8.4; SMT3 suppressor of mif two 3 homolog 2; small ubiquitin-like modifier 4 protein; IDDM5; SMT3H4; SUMO-4;

Gene ID	387082
mRNA Refseq	NM_001002255
Protein Refseq	NP_001002255
MIM	608829
UniProt ID	Q6EEV6
Chromosome Location	6q25.1
Pathway	Nuclear pore complex, organism-specific biosystem; RNA transport, organism-specific biosystem; RNA transport, conserved biosystem;

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