

Recombinant Human SUMO4 cell lysate

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

SPECIFICATION

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 (*S. cerevisiae*) [*Homo sapiens*]

Official Symbol

SUMO4

Synonyms

SUMO4; SMT3 suppressor of mif two 3 homolog 4 (*S. cerevisiae*); SMT3 suppressor of mif two 3 homolog 4 (yeast) , SMT3H4; small ubiquitin-related modifier 4;

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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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