

Recombinant Human SUMO4 Protein, His-tagged

Cat. No. SUMO4-3015H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human SUMO4 protein, fused to His-tagged at N-terminus, was expressed in E. coli.
Species	Human
Source	E.coli
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.
Form	50 mM Tris, pH 8.0, 8 M Urea.
Molecular Mass	10.5 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration	>50 ug/mL as determined by microplate BCA method

GENE INFORMATION

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Gene Name	SUMO4 SMT3 suppressor of mif two 3 homolog 4 (S. cerevisiae) [Homo sapiens]
Official Symbol	SUMO4
Synonyms	dJ281H8.4; IDDM5; SMT3H4; SUMO-4
Gene ID	387082
mRNA Refseq	NM_001002255
Protein Refseq	NP_001002255
MIM	608829
UniProt ID	Q6EEV6

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