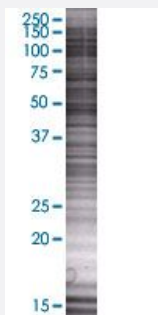


SUMO4 293T Cell Transient Overexpression Lysate(Denatured)

Catalog # H00387082-T01

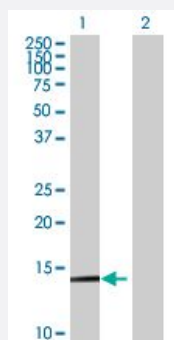
Size 100 uL

Applications



SDS-PAGE Gel

SUMO4 transfected lysate.



Western Blot

Lane 1: SUMO4 transfected lysate (10.56 KDa)

Lane 2: Non-transfected lysate.

Specification

Transfected Cell Line 293T

Plasmid pCMV-SUMO4 full-length

Host Human

Theoretical MW (kDa) 10.56

Quality Control Testing Transient overexpression cell lysate was tested with Anti-SUMO4 antibody ([H00387082-B01](#)) by Western Blots.
 SDS-PAGE Gel
 SUMO4 transfected lysate.
 Western Blot
 Lane 1: SUMO4 transfected lysate (10.56 KDa)
 Lane 2: Non-transfected lysate.

Storage Buffer	1X Sample Buffer (50 mM Tris-HCl, 2% SDS, 10% glycerol, 300 mM 2-mercaptoethanol, 0.01% Bromophenol blue)
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot

Gene Info — SUMO4

Entrez GeneID	387082
GeneBank Accession#	NM_001002255.1
Protein Accession#	NP_001002255.1
Gene Name	SUMO4
Gene Alias	IDDM5, SMT3H4, SUMO-4, dJ281H8.4
Gene Description	SMT3 suppressor of mif two 3 homolog 4 (S. cerevisiae)
Omim ID	600320 608829
Gene Ontology	Hyperlink
Gene Summary	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. [provided by RefSeq]
Other Designations	OTTHUMP00000017390 SMT3 suppressor of mif two 3 homolog 2 SMT3 suppressor of mif two 3 homolog 4 small ubiquitin-like modifier 4 protein small ubiquitin-like protein 4

Disease

- [Addison Disease](#)
- [Arthritis](#)

- [Autoimmune Diseases](#)
- [Behcet Syndrome](#)
- [Coronary Disease](#)
- [Diabetes](#)
- [Diabetes Mellitus](#)
- [Diabetic Angiopathies](#)
- [Diabetic Nephropathies](#)
- [Diabetic Neuropathies](#)
- [Diabetic Retinopathy](#)
- [Genetic Predisposition to Disease](#)
- [Graves Disease](#)
- [Lupus Erythematosus](#)
- [Psoriasis](#)
- [Thyroiditis](#)
- [Uveomeningoencephalitic Syndrome](#)