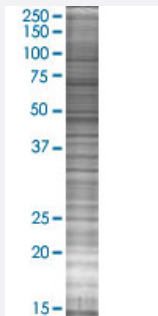


SENP3 293T Cell Transient Overexpression Lysate(Denatured)

Catalog # H00026168-T02

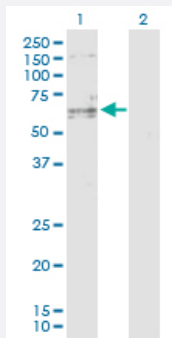
Size 100 uL

Applications



SDS-PAGE Gel

SENP3 transfected lysate.



Western Blot

Lane 1: SENP3 transfected lysate (65 KDa)

Lane 2: Non-transfected lysate.

Specification

Transfected Cell Line	293T
Plasmid	pCMV-SENP3 full-length
Host	Human
Theoretical MW (kDa)	65
Interspecies Antigen Sequence	Mouse (94); Rat (94)

Quality Control Testing

Transient overexpression cell lysate was tested with Anti-SENP3 antibody ([H00026168-D01P](#)) by Western Blots.
SDS-PAGE Gel
SENP3 transfected lysate.
Western Blot
Lane 1: SENP3 transfected lysate (65 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 — SENP3

Entrez GeneID

[26168](#)

GeneBank Accession#

[NM_015670.4](#)

Protein Accession#

[NP_056485.2](#)

Gene Name

SENP3

Gene Alias

DKFZp586K0919, DKFZp762A152, SMT3IP1, SSP3

Gene Description

SUMO1/sentrin/SMT3 specific peptidase 3

Gene Ontology

[Hyperlink](#)

Gene Summary

The reversible posttranslational modification of proteins by the addition of small ubiquitin-like SUMO proteins (see SUMO1; MIM 601912) is required for numerous biologic processes. SUMO-specific proteases, such as SENP3, are responsible for the initial processing of SUMO precursors to generate a C-terminal diglycine motif required for the conjugation reaction. They also have isopeptidase activity for the removal of SUMO from high molecular mass SUMO conjugates (Di Bacco et al., 2006 [PubMed 16738315]).[supplied by OMIM]

Other Designations

SUMO1/sentrin/SMT3 specific protease 3|sentrin/SUMO-specific protease 3

Disease

- [Birth Weight](#)
- [Cardiovascular Diseases](#)
- [Diabetes Mellitus](#)
- [Edema](#)
- [Genetic Predisposition to Disease](#)
- [Glioblastoma](#)
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- [Hematologic Diseases](#)
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