

SENP1 recombinant protein

SENP1, Active

CATALOG # AAA73975	HOST E Coli	APPLICATIONS Western Blot
------------------------------	-----------------------	-------------------------------------

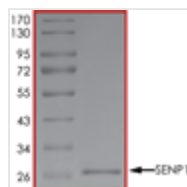
PRODUCT SYNONYMS

SENP1; Active; SuPr-2; SENP1 recombinant protein

PRODUCT SPECIFICATIONS

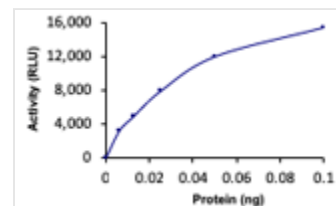
Host	E Coli
Form/Format	Recombinant protein stored in 50mM sodium phosphate, pH7.0, 300mM NaCl, 150mM imidazole, 0.1mM PMSF, 0.25mM DTT, 25% glycerol.
Applicable Applications for SENP1 recombinant protein	WB (Western Blot), Activity Assay
Tag	HIS
Species	Human
Dry Ice Note	The product may be shipped with dry ice, and an additional fee may be added to your shipping cost.
Preparation and Storage	Store product at -70 degree C. For optimal storage, aliquot target into smaller quantities after centrifugation and store at recommended temperature. For most favorable performance, avoid repeated handling and multiple freeze/thaw cycles.

IMAGES



SDS-PAGE

Purity: Sample Purity Data. For specific information on a given lot, see related technical data sheet.



Activity

Specific Activity: Sample Activity Plot. For specific information on a given lot, see related technical data sheet.

ADDITIONAL INFORMATION

Related Product Information for SENP1 recombinant protein	Recombinant human SENP1 (409-end) was expressed in E Coli cells using an N-terminal His tag. The SENP1 gene accession number is NM_001267594. SENP1 (SUMO-specific protease 1) is a protease from the de-SUMOylation protease superfamily and catalyzes the maturation of SUMO protein (small ubiquitin-related modifier). It plays a role in the regulation of androgen receptor-dependent transcription and hypoxia signaling (1). Overexpression of SENP1 was found in precancerous prostate intraepithelial neoplasia lesions and prostate cancer tissue samples, indicating the enzyme may promote prostate cancer metastasis and progression (2).
Product Categories/Family for SENP1 recombinant protein	DUBs; Cancer; Cardiovascular Disease; Cell Cycle; Cellular Stress; Invasion/Metastasis; Metabolic Disorder

References

1. Wenrong, X. et al: Inhibition of SUMO-specific protease 1 induces apoptosis of astroglioma cells by regulating NF-kappaB/Akt pathways. Elsevier BV 595(2): 175-179, 2016
2. Wang, Q. et al: SUMO-specific protease 1 promotes prostate cancer progression and metastasis. Oncogene 32(19):2493-8, 2013.

NCBI AND UNIPROT INFORMATION

NCBI GenBank Nucleotide #

[NM_001267594](#)

Molecular Weight

27kDa

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com

Online datasheet: <https://stage.aaabiotech.com/senp1-recombinant-protein-e-coli-wb-western-blot-activity-assay/73975>