

# SENP1 (Human) Cell-Based ELISA Kit

Catalog # KA5630

Size 1 Kit

## Specification

<b>Product Description</b>	SENP1 (Human) Cell-Based ELISA Kit is an indirect enzyme-linked immunoassay for qualitative determination of SENP1 expression in cultured cells.
<b>Suitable Sample</b>	Attached Cell, Loosely Attached Cell, Suspension Cell
<b>Label</b>	HRP-conjugated
<b>Detection Method</b>	Colorimetric
<b>Assay Type</b>	Qualitative
<b>Reactivity</b>	Human
<b>Regulation Status</b>	For research use only (RUO)
<b>Storage Instruction</b>	Store the kit at 4°C.

## Applications

- Qualitative

## Gene Info — SENP1

<b>Entrez GeneID</b>	<a href="#">29843</a>
<b>Protein Accession#</b>	<a href="#">Q9P0U3</a>
<b>Gene Name</b>	SENP1
<b>Gene Alias</b>	SuPr-2
<b>Gene Description</b>	SUMO1/sentrin specific peptidase 1

**Gene Ontology**[Hyperlink](#)**Gene Summary**

The covalent modification of proteins by the small ubiquitin (UBB; MIM 191339)-like protein SUMO (see SUMO1, MIM 601912) is implicated in the regulation of nucleocytoplasmic transport, genomic stability, gene transcription, and other processes. Sumoylation is catalyzed on target lysine residues by a multienzyme process and is reversed by desumoylating enzymes such as SENP1 (Yamaguchi et al., 2005 [PubMed 15923632]).[supplied by OMIM]

**Other Designations**

SUMO1/sentrin specific protease 1|sentrin/SUMO-specific protease|sentrin/SUMO-specific protease 1