

Recombinant Mouse Senp2, His-tagged

Cat. No. Senp2-688M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Senp2 is produced in E. coli. The peptidase domain of mouse SENP2 (aa 394-588) is fused at the N-terminus to a His tag.
Species	Mouse
Source	E.coli
Description	Sentrin-specific protease 2 is an enzyme that in humans is encoded by the SENP2 gene. SUMO1 is a small ubiquitin-like protein that can be covalently conjugated to other proteins. SENP2 is one of a group of enzymes that process newly synthesized SUMO1 into the conjugatable form and catalyze the deconjugation of SUMO1-containing species.
Purity	≥90% (SDS-PAGE).
Endotoxin Content	<1EU/g protein (LAL-test).
Formulation	Liquid. 0.2µm-filtered solution in 50mM TRIS-HCl, pH 8.2, containing 200mM NaCl.
Stability	Stable for at least 6 months after receipt when stored at -20°C.
Storage	Long term storage: -20°C, short term storage: +4°C. After reconstitution, prepare aliquots and store at -20°C. Avoid freeze/thaw cycles.

GENE INFORMATION

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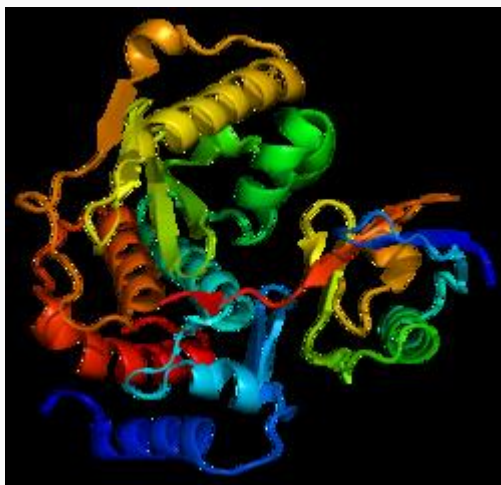
Gene Name	Senp2 SUMO/sentrin specific peptidase 2 [Mus musculus]
Synonyms	Senp2; SUMO/sentrin specific peptidase 2; SuPr-1; Smt3ip2; AI646780; AW554757; KIAA1331; mKIAA1331; 2310007L05Rik; 4930538C18Rik; SUMO-1 protease 1; SUMO-1 protease-1; SUMO-1/Smt3-specific isopeptidase 2; SUMO/sentrin specific protease 2; axam2; sentrin-specific protease 2; sentrin/SUMO-specific protease SENP2
Gene ID	75826
mRNA Refseq	NM_029457
Protein Refseq	NP_083733
UniProt ID	Q91ZX6
Chromosome Location	16 B1
Pathway	Wnt signaling pathway
Function	cysteine-type peptidase activity; hydrolase activity; peptidase activity; protein binding

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