



**Recombinant Human Sentrin-Specific Protease 2/SEN2 Protein(N-6His, SUMO tag)**

**Cat.NO.: TP04593**

3th Edition

**Synonyms:** Sentrin-specific protease 2; Axam2; SMT3-specific isopeptidase 2; Sentrin/SUMO-specific protease SENP2; KIAA1331; SENP2.

**Description:** SENP2 is an enzyme that belongs to the peptidase C48 family. SENP2 is a protease that catalyzes two essential functions in the SUMO pathway: processing of full-length SUMO1, SUMO2 and SUMO3 to their mature forms and deconjugation of SUMO1, SUMO2 and SUMO3 from targeted proteins. SUMO1 is a small ubiquitin-like protein that can be covalently conjugated to other proteins. It has been implicated as a down-regulator of CTNNB1 levels and may therefore be a modulator of the Wnt pathway.

**Form:** PBS

**Molecular Weight:** 26.8 kDa

**Sequences:** Asp363-Leu589

**Purity:** > 95% by HPLC

**Concentration:**

**Endotoxin Level:** <1.0 EU per 1 ug of protein (determined by LAL method)

**Storage:** Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.