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Datasheet for ABIN7319009
SEN2 Protein (SUMO Tag,His tag)

Overview

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|-------------------------------|--|
| Quantity: | 50 µg |
| Target: | SEN2 |
| Origin: | Human |
| Source: | Escherichia coli (E. coli) |
| Protein Type: | Recombinant |
| Purification tag / Conjugate: | This SEN2 protein is labelled with SUMO Tag,His tag. |

Product Details

| | |
|------------------|--|
| Purpose: | Recombinant Human SEN2 Protein (His Tag, SUMO Tag) |
| Sequence: | Asp363-Leu589 |
| Characteristics: | Recombinant Human Sentrin-specific protease 2 is produced by our E.coli expression system and the target gene encoding Asp363-Leu589 is expressed. |
| Purity: | > 95 % as determined by reducing SDS-PAGE. |
| Endotoxin Level: | < 1.0 EU per µg as determined by the LAL method. |

Target Details

| | |
|-------------------|---|
| Target: | SEN2 |
| Alternative Name: | SEN2 (SEN2 Products) |
| Background: | Background: SEN2 is an enzyme that belongs to the peptidase C48 family. SEN2 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 |

Target Details

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.

Synonym: Sentrin-specific protease 2, Axam2, SMT3-specific isopeptidase 2, Sentrin/SUMO-specific protease SENP2, KIAA1331, SENP2.

Molecular Weight: 26.8 kDa

UniProt: [Q9HC62](#)

Pathways: [Chromatin Binding](#)

Application Details

Restrictions: For Research Use only

Handling

Format: Frozen, Liquid

Buffer: Supplied as a 0.2 µm filtered solution of 50 mM HEPES, 5 % Glycerol, pH 7.4.

Storage: -20 °C

Storage Comment: Store at < -20°C, stable for 6 months. Please minimize freeze-thaw cycles.