

Recombinant Human SENP7 Protein (T640-P984), Tag Free

Cat. No. SENP7-0883H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human GG-SENP7(T640-P984) Protein was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	T640-P984
Description	Protease that acts as a positive regulator of the cGAS-STING pathway by catalyzing desumoylation of CGAS. Desumoylation of CGAS promotes DNA-binding activity of CGAS, subsequent oligomerization and activation. Deconjugates SUMO2 and SUMO3 from targeted proteins, but not SUMO1. Catalyzes the deconjugation of poly-SUMO2 and poly-SUMO3 chains. Has very low efficiency in processing full-length SUMO proteins to their mature forms.
Form	Liquid
Endotoxin	< 0.01 EU per µg of the protein
Purity	90%
Stability	Samples are stable for up to twelve months from date of receipt at -20 to -80 centigrade.
Storage	Store it under sterile conditions at -20 to -80 centigrade. It is recommended that the

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

Storage Buffer Supplied as sterile 50 mM Tris-HCl (pH7.5), 200 mM NaCl, 20% glycerol

Shipping It is shipped out with blue ice.

GENE INFORMATION

Gene Name [SEN7 SUMO1/sentrin specific peptidase 7 \[Homo sapiens \(human\) \]](#)

Official Symbol [SEN7](#)

Synonyms SEN7; SUMO1/sentrin specific peptidase 7; SUMO1/sentrin specific protease 7; sentrin-specific protease 7; SUMO-1-specific protease 2; sentrin/SUMO-specific protease SEN7; KIAA1707; MGC157730;

Gene ID [57337](#)

mRNA Refseq [NM_001077203](#)

Protein Refseq [NP_001070671](#)

MIM [612846](#)

UniProt ID [Q9BQF6](#)

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA