

Recombinant Human SENP7 Protein (T640-P984), GST tagged

Cat. No. SENP7-0884H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human GST-TEV-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.

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Storage	Store it under sterile conditions at -20 to -80 centigrade. It is recommended that the 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

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