

Recombinant Human SENP7 Protein, His-tagged

Cat. No. SENP7-405H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human SENP7(Met630-Asp799) , transcript variant 2, fused with His tag at N-terminal was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	630-799 a.a.
Description	The reversible posttranslational modification of proteins by the addition of small ubiquitin-like SUMO proteins (see SUMO1; MIM 601912) is required for many cellular processes. SUMO-specific proteases, such as SENP7, process SUMO precursors to generate a C-terminal diglycine motif required for the conjugation reaction. They also display isopeptidase activity for deconjugation of SUMO-conjugated substrates (Lima and Reverter, 2008 [PubMed 18799455]).
Form	20mM HEPES, 5% Glycerol, pH 7.4. Avoid repeated freeze-thaw cycles. Stable for at least 3 months from receipt of products under proper storage and handling conditions.
Molecular Mass	27.3 kDa
Endotoxin	< 0.1 EU per g protein as determined by LAL test
Purity	>95% as determined by SDS-PAGE and Coomassie blue staining

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Concentration >50 ug/mL as determined by microplate BCA method

GENE INFORMATION

Gene Name SENP7 SUMO1/sentrin specific peptidase 7 [Homo sapiens]

Official Symbol SENP7

Synonyms SENP7; SUMO1/sentrin specific peptidase 7; SUMO1/sentrin specific protease 7; sentrin-specific protease 7; SUMO-1-specific protease 2; sentrin/SUMO-specific protease SENP7; KIAA1707; MGC157730;

Gene ID 57337

mRNA Refseq NM_001077203

Protein Refseq NP_001070671

MIM 612846

UniProt ID Q9BQF6

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