

Recombinant Human SIRT7 protein, His-tagged

Cat. No. SIRT7-3230H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human SIRT7 protein(199-400 aa), fused to His tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	199-400 aa
Form	The purified protein was Lyophilized from sterile PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH7.4). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization. The elution buffer contain 300mM imidazole.
AA Sequence	VPNREYVRVFDVTERTALHRHQTGRTCHKCGTQLRDTIVHFGERTLGQPLNWEA ATEAASRADTILCLGSSLKVLKKYPRLWCMTKPPSRPKLYIVNLQWTPKDDWAALK LHGKCDDVMRLLELMAELGLEIPAYSRWQDPIFSLATPLRAGEEGSHSRKSLCRSREE APPGDRGAPLSSAPILGGWFGRGCTKRTKRKKVT
Purity	85%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Storage	Short-term storage: Store at 2-8°C for (1-2 weeks). Long-term storage: Aliquot and store at -20°C to -80°C for up to 3 months, buffer containing 50% glycerol is recommended for reconstitution. Avoid repeat freeze-thaw cycles.

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Reconstitution

Reconstitute at 0.25 g/μl in 200 μl sterile water for short-term storage.

Reconstitution with 200 μl 50% glycerol solution is recommended for longer term storage.

GENE INFORMATION

Gene Name SIRT7 sirtuin 7 [Homo sapiens]

Official Symbol SIRT7

Synonyms

SIRT7; sirtuin 7; sirtuin (silent mating type information regulation 2 homolog) 7 (S. cerevisiae) , sirtuin (silent mating type information regulation 2, S.cerevisiae, homolog) 7; NAD-dependent deacetylase sirtuin-7; sirtuin type 7; SIR2-like protein 7; sir2-related protein type 7; silent mating type information regulation 2, S.cerevisiae, homolog 7; SIR2L7; MGC126840; MGC126842;

Gene ID 51547

mRNA Refseq NM_016538

Protein Refseq NP_057622

MIM 606212

UniProt ID Q9NRC8

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