

Recombinant Human SIRT7 protein, His&Myc-tagged

Cat. No. SIRT7-3633H Lot. No. (See product label)

SPECIFICATION

| | |
|-------------------------|--|
| Product Overview | Recombinant Human SIRT7 protein(Q9NRC8)(1-400aa), fused with N-terminal His tag and C-terminal Myc tag, was expressed in E.coli. |
| Species | Human |
| Source | E.coli |
| ProteinLength | 1-400a.a. |
| Tag | His&Myc |
| Form | If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0. |
| Molecular Mass | 52.3 kDa |
| Purity | Greater than 85% as determined by SDS-PAGE. |
| Storage | Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles. |
| Reconstitution | We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL.We recommend to add 5-50% of glycerol (final |

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concentration) and aliquot for long-term storage at -20°C/-80°C.

AA Sequence

MAAGGLSRSERKAAERVRLREEQQRERLRQVSRILRKAAAERSAEEGRLLAESAD
 LVTELQGRSRRREGLKRRQEEVCDPEELRGKVRELASAVRNAKYLVVYTGAGIST
 AASIPDYRGPNGVWTLQKGRSVSAADLSEAEP TLTHMSITRLHEQKLVQHVVSQN
 CDGLHLRSGLPRTAISELHGNMYIEVCTSCVPNREYVRVFDVTERTALHRHQ TGRT
 CHKCGTQLRDTIVHFGERTLGQPLNWEAATEAASRADTILCLGSSLKVLKKYPRLW
 CMTKPPSRRPKLYIVNLQWTPKDDWAALKLHGKCDDMRLLMAELGLEIPAYSRWQ
 DPIFSLATPLRAGEEGSHSRKSLCRSREEAPPGDRGAPLSSAPILGGWFGRGCTKR
 TKRKKVT

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](#)

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UniProt ID

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