

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

 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

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

AA Sequence

MAAGGLSRSERKAAERVRLREEQQRERLRQVSRILRKAAAERSAEEGRLLAESAD
LVTELQGRSRRREGLKRRQEEVCDDEELRGKVRELASAVRNAKYLVVYTGAGIST
AASIPDYRGPNGVWTLQKGRSVSAADLSEAEP TLTHMSITRLHEQKLVQHVV SQN
CDGLHLRSGLPRTAISELHGNMYIEVCTSCVPNREYVRVFDVTERTALHRHQ TGR T
CHKCGTQLRDTIVHFGERGTLGQPLNWEAATEAASRADTILCLGSSLKVLKKYPRLW
CMTKPPSRRPKLYIVNLQWTPKDDWAALKLHGKCDDVMRLLMAELGLEIPAYSRWQ
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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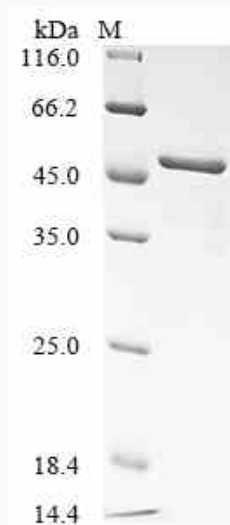
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UniProt ID

Q9NRC8

SDS-PAGE



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