

Recombinant Mouse Sirt5 protein, His&Myc-tagged

Cat. No. Sirt5-4555M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Sirt5 protein(Q8K2C6)(37–310aa), fused to N-terminal His tag and C-terminal Myc tag, was expressed in E. coli.
Species	Mouse
Source	E.coli
ProteinLength	37–310aa
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	37.6 kDa
AA Sequence	SSNMADFRKCFANAKHIAIISGAGVSAESGVPTFRGAGGYWRKWQAQDLATPQAFA RNPSQVWEFYHYRREVMRSKEPNPGHLAIAQCEARLRDQGRRVVITQNIDELHRK AGTKNLLEIHGTLFKTRCTSCGTVAENYRSPICPALAGKGAPETQDARIPVDKLPR CEEAGCGGLLRPHVWVFGENLDPAILLEEVDRELALCDLCLVVGTSVVYPAAAMFAP QVASRGVPVAEFNMETTPATDRFRFHFPGPCGKTLPEALAPHETERTS
Purity	Greater than 85% as determined by SDS-PAGE.
Storage	Store at -20°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.

 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

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

GENE INFORMATION

Gene Name Sirt5 sirtuin 5 (silent mating type information regulation 2 homolog) 5 (*S. cerevisiae*) [*Mus musculus*]

Official Symbol Sirt5

Synonyms SIRT5; sirtuin 5 (silent mating type information regulation 2 homolog) 5 (*S. cerevisiae*); NAD-dependent lysine demalonylase and desuccinylase sirtuin-5, mitochondrial; SIR2-like protein 5; NAD-dependent deacetylase sirtuin-5; AV001953; 0610012J09Rik; 1500032M05Rik;

Gene ID 68346

mRNA Refseq NM_178848

Protein Refseq NP_849179

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