

Recombinant Mouse Sirt3 protein, His&Myc-tagged

Cat. No. Sirt3-1985M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Sirt3 protein(Q8R104)(78-334aa), fused with N-terminal His tag and C-terminal Myc tag, was expressed in E.coli.
Species	Mouse
Source	E.coli
ProteinLength	78-334aa
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	36.3 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 concentration) and aliquot for long-term storage at -20°C/-80°C.

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AA Sequence

MVGAGISTPSGIPDFRSPGSGLYSNLQQYDIPYPEAIFELGFFFHNP KPFFMLAKELY
 PGHYRPNVTHYFLRLLHDKELLRLYTQNIDGLERASGIPASKLVEAHGTFVTATCTV
 CRRSFPGEDIWADVMADRVPRCPVCTGVVKPDIVFFGEQLPARFLLHMADFALADL
 LLILGTSLEVEPFASLSEAVQKSVPRLLINRDLVGPFLVSPRRKDVVQLGDVVHGVER
 LVDLLGWTQELLDLMQRERKGKLDGQDR

GENE INFORMATION

Gene Name [Sirt3 sirtuin 3 \(silent mating type information regulation 2, homolog\) 3 \(S. cerevisiae\) \[Mus musculus \]](#)

Official Symbol [Sirt3](#)

Synonyms SIRT3; sirtuin 3 (silent mating type information regulation 2, homolog) 3 (S. cerevisiae); NAD-dependent deacetylase sirtuin-3; mSIR2L3; SIR2-like protein 3; SIRT3L mitochondrial; mitochondrial protein lysine deacetylase; silent mating type information regulation 2, (S.cerevisiae, homolog)-like 3; Sir2l3; AI848213; 2310003L23Rik;

Gene ID [64384](#)

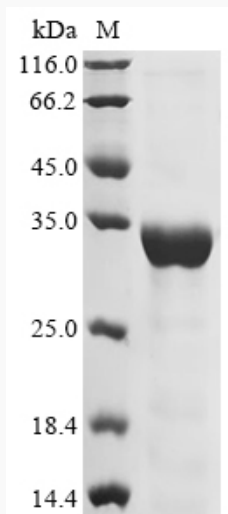
mRNA Refseq [NM_001127351](#)

Protein Refseq [NP_001120823](#)

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SDS-PAGE

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