# Recombinant Mouse Sirt3 protein, His&Myc-tagged

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

## SPECIFICATION

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| **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. |

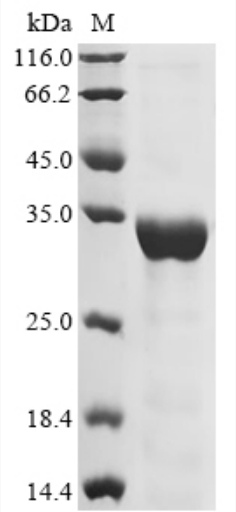
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| **AA Sequence** | MVGAGISTPSGIPDFRSPGSGLYSNLQQYDIPYPEAIFELGFFFHNPKPFFMLAKELY PGHYRPNVTHYFLRLLHDKELLLRLYTQNIDGLERASGIPASKLVEAHGTFVTATCTV CRRSFPGEDIWADVMADRVPRCPVCTGVVKPDIVFFGEQLPARFLLHMADFALADL LLILGTSLEVEPFASLSEAVQKSVPRLLINRDLVGPFVLSPRRKDVVQLGDVVHGVER LVDLLGWTQELLDLMQRERGKLDGQDR |

## GENE INFORMATION

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| **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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