

# Recombinant Human SIRT2 Protein, His-tagged

**Cat. No.** SIRT2-191H    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                               |
|-------------------------|---------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Human SIRT2 protein, fused with C-terminal His-tag, was expressed in E. coli.                     |
| <b>Species</b>          | Human                                                                                                         |
| <b>Source</b>           | E.coli                                                                                                        |
| <b>ProteinLength</b>    | 50-389                                                                                                        |
| <b>Form</b>             | 50 mM Tris/HCl pH 7.5, 500 mM NaCl, 1 mM TCEP, 10% glycerol (v/v).                                            |
| <b>Molecular Mass</b>   | 36.5 kDa                                                                                                      |
| <b>Storage</b>          | Store at -80centigrade. Thaw quickly and store on ice before use. Avoid repeated freezing and thawing cycles. |

## GENE INFORMATION

|                        |                                                                                                                                                                                                                                                               |
|------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Gene Name</b>       | SIRT2 sirtuin 2 [ Homo sapiens ]                                                                                                                                                                                                                              |
| <b>Official Symbol</b> | SIRT2                                                                                                                                                                                                                                                         |
| <b>Synonyms</b>        | SIRT2; sirtuin 2; SIR2L, sirtuin (silent mating type information regulation 2 homolog) 2 (S. cerevisiae) , sirtuin (silent mating type information regulation 2, S.cerevisiae, homolog) 2; NAD-dependent deacetylase sirtuin-2; sirtuin type 2; SIR2-like pro |

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|                            |                                                                                                                                                                                                                                                                 |
|----------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Gene ID</b>             | 22933                                                                                                                                                                                                                                                           |
| <b>mRNA Refseq</b>         | NM_030593                                                                                                                                                                                                                                                       |
| <b>Protein Refseq</b>      | NP_085096                                                                                                                                                                                                                                                       |
| <b>MIM</b>                 | 604480                                                                                                                                                                                                                                                          |
| <b>UniProt ID</b>          | Q8IXJ6                                                                                                                                                                                                                                                          |
| <b>Chromosome Location</b> | 19q13                                                                                                                                                                                                                                                           |
| <b>Pathway</b>             | Signaling events mediated by HDAC Class I, organism-specific biosystem; Signaling events mediated by HDAC Class III, organism-specific biosystem;                                                                                                               |
| <b>Function</b>            | NOT NAD+ ADP-ribosyltransferase activity; NAD+ binding; NAD-dependent histone deacetylase activity; histone acetyltransferase binding; histone deacetylase binding; hydrolase activity; metal ion binding; protein binding; protein deacetylase activity; trans |

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