

## Recombinant Human SIRT3 protein, His-tagged

Cat. No. SIRT3-7845H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human SIRT3 protein(300-399 aa), fused with N-terminal His tag, was expressed in E. coli.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>ProteinLength</b>	300-399 aa
<b>Form</b>	The purified protein was Lyophilized from sterile PBS (58mM Na <sub>2</sub> HPO <sub>4</sub> , 17mM NaH <sub>2</sub> PO <sub>4</sub> , 68mM NaCl, pH7.4). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization.
<b>Storage</b>	Short-term storage: Store at 2-8°C for (1-2 weeks). Long-term storage: Aliquot and store at -20°C to -80°C for up to 3 months, reconstitution with sterile water and addition of an equal volume of glycerol. Avoid repeat freeze-thaw cycles.
<b>AA Sequence</b>	QRFLLVVDFPMADLLLILGTSLEVEPFASL TEAVRSSVPRLLINRDLVGPLAWHPRS RDVAQLGDVVHGVESLVELLWTEEMRDLVQRETGKLDGPK
<b>Purity</b>	85%, by SDS-PAGE with Coomassie Brilliant Blue staining.

### GENE INFORMATION

**Official Symbol** SIRT3

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**Synonyms** SIRT3; sirtuin 3; sirtuin (silent mating type information regulation 2 homolog) 3 (*S. cerevisiae*) , sirtuin (silent mating type information regulation 2, *S.cerevisiae*, homolog) 3; NAD-dependent deacetylase sirtuin-3, mitochondrial; SIR2L3; sir2-like 3; sirtuin type 3; SIR2-like protein 3; silent mating type information regulation 2, *S.cerevisiae*, homolog 3; mitochondrial nicotinamide adenine dinucleotide-dependent deacetylase;

**Gene ID** 23410

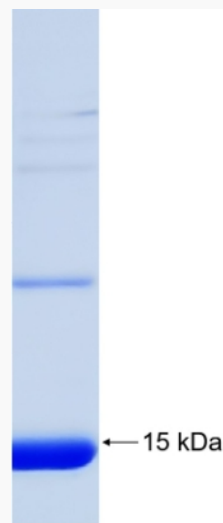
**mRNA Refseq** NM\_001017524

**Protein Refseq** NP\_001017524

**MIM** 604481

**UniProt ID** Q9NTG7

**SDS-PAGE**



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