

Recombinant Human SIRT2 Protein

Cat. No. SIRT2-5758H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant human SIRT2 protein without tag was expressed in E. coli.
Species	Human
Source	E.coli
Description	NAD-dependent protein deacetylase, which deacetylates internal lysines on histone and alpha-tubulin as well as many other proteins such as key transcription factors. Participates in the modulation of multiple and diverse biological processes such as cell cycle control, genomic integrity, microtubule dynamics, cell differentiation, metabolic networks, and autophagy. Plays a major role in the control of cell cycle progression and genomic stability.
Form	Lyophilized powder/frozen liquid
Purity	> 90 % as determined by SDS-PAGE
Notes	For research use only.
Storage	Use a manual defrost freezer and avoid repeated freeze thaw cycles. Store at 2 to 8 centigrade for one week. Store at -20 to -80 centigrade for twelve months from the date of receipt.
Storage Buffer	Supplied as solution form in PBS, pH 7.5 or lyophilized from PBS, pH 7.5.

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Reconstitution Reconstitute in sterile water for a stock solution.

Shipping They are shipped out with dry ice/blue ice unless customers require otherwise.

GENE INFORMATION

Gene Name [SIRT2 sirtuin 2 \[Homo sapiens \(human\) \]](#)

Official Symbol [SIRT2](#)

Synonyms 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 protein 2; sir2-related protein type 2; silent information regulator 2; SIR2; SIR2L; SIR2L2; FLJ35621; FLJ37491;

Gene ID [22933](#)

mRNA Refseq [NM_030593](#)

Protein Refseq [NP_085096](#)

MIM [604480](#)

UniProt ID [Q8IXJ6](#)

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