

## Recombinant Human SIRT2 protein, T7/His-tagged

Cat. No. SIRT2-174H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant human SIRT2 cDNA (389aa, isoform-2) protein fused with T7-His-TEV cleavage site Tag at N-terminal was expressed in E. coli.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>ProteinLength</b>	389 a.a.
<b>Form</b>	0.5 mg/ml, sterile-filtered, in 20 mM pH 8.0 Tris-HCl Buffer, with proprietary formulation of NaCl, KCl, EDTA, arginine, DTT and Glycerol.
<b>AA Sequence</b>	MASMTGGQQMGRGRGHHHHHGNLYFQGGGFDFLRNLFSSQTLNLSLGSQKERLLDELTL EGVARYMQSERCRRVICLVG AGISTSAGIPDFRSPSTGLYDNLEKYHLPYPEAIFEIS YFKKHPEPFFALAKELYPGQFKPTICHYFMRLKDKG LLLRCYTQNIIDTLERIALGLEQ EDLVEAHGTFYTSHCVSASCRHEYPLSWMKEKIFSEVTPKCEDCQSLVKPDIVF FG ESLPAFFSCMQSDFLKVDLLLVMGTSLQVQPFASLISKAPLSTPRLLINKEKAGQSD PFLGMIMGLGGGMDF DSKKAYRDVAWLGECDQGCLALAE LLGWKKELEDLVRRE HASIDAQSGAGVNPSTSPKSPPPAKDEARTE REKPK
<b>Purity</b>	>90% by SDS-PAGE.
<b>Storage</b>	Keep at -80°C for long term storage. Product is stable at 4 °C for at least 30 days.

### GENE INFORMATION

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<b>Gene Name</b>	SIRT2 sirtuin 2 [ Homo sapiens ]
<b>Official Symbol</b>	SIRT2
<b>Synonyms</b>	SIRT2; sirtuin 2; NAD-dependent deacetylase sirtuin-2; sirtuin type 2; SIR2-like protein 2; SIR2; SIR2L; SIR2L2; FLJ35621; FLJ37491;
<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; transcription factor binding; tubulin deacetylase activity; ubiquitin binding; zinc ion binding;

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