

Recombinant Human SIRT2 protein, T7/His-tagged

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

SPECIFICATION

Product Overview	Recombinant human SIRT2 cDNA (389aa, isoform-2) protein fused with T7-His-TEV cleavage site Tag at N-terminal was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	389 a.a.
Form	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.
AA Sequence	MASMTGGQQMGRGRHHHHHGNLYFQGGEFDLRLNLSQTLNLSQKERLLDELTL EGVARYMQSERCRRVICLVG AGISTSAGIPDFRSPSTGLYDNLEKYHLPYPEAIFEIS YFKKHPEPFFALAKELYPGQFKPTICHYFMRLLKDKG LLLRCYTQNIDTLERAGLEQ EDLVEAHGTFYTSHCVSASCRHEYPLSWMKEKIFSEVTPKCEDCQSLVKPDIVF FG ESLPARFFSCMQSDFLKVDLLLVMGTSLQVQPFASLISKAPLSTPRLLINKEKAGQSD PFLGMIMGLGGGMDF DSKKAYRDVAWLGECDQGCLALAE LLGWKKELEDLVRRE HASIDAQSGAGVNPSTSPSPKSPPPAKDEARTTE REKPQ
Purity	>90% by SDS-PAGE.
Storage	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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Gene Name	SIRT2 sirtuin 2 [Homo sapiens]
Official Symbol	SIRT2
Synonyms	SIRT2; sirtuin 2; NAD-dependent deacetylase sirtuin-2; sirtuin type 2; SIR2-like protein 2; SIR2; SIR2L; SIR2L2; FLJ35621; FLJ37491;
Gene ID	22933
mRNA Refseq	NM_030593
Protein Refseq	NP_085096
MIM	604480
UniProt ID	Q8IXJ6
Chromosome Location	19q13
Pathway	Signaling events mediated by HDAC Class I, organism-specific biosystem; Signaling events mediated by HDAC Class III, organism-specific biosystem;
Function	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;