

Recombinant Human SIRT6 protein, T7/His-tagged

Cat. No. SIRT6-213H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant human SIRT6 cDNA (355 aa, Isoform_1) fused with T7-His-TEV cleavage site Tag at N-terminal was expressed in E. coli.
Species	Human
Source	E.coli
Form	0.5 mg/ml, sterile-filtered, in 20 mM pH 8.0 Tris-HCl Buffer, with proprietary formulation of NaCl, KCl, EDTA, Sucrose and DTT.
AA Sequence	MASMTGGQQMGRGHHHHHHGNLYFQGGFESVNYAAGLSPYADKGKCGLPEIFDP PEELERKVVWELARLVWQSSSV VFHTGAGISTASGIPDFRGPVWVTMEERGLAPK FDTTFESARPTQTHMALVQLERVGLLRFLVSNVDGLHVRS GFPRDKLAEHLGNM FVEECAKCKTQYVRDVTVMGLKATGRLCTVAKARGLRACRGELRDTILDWEDSL PDRDL ALADEASRNADLSITLGTSLQIRPSGNLPLATKRRGGRLVIVNLQPTKHDRH ADLRIHGYVDEVMTRLMKHLGLE IPAWDGPRVLERALPPLPRPPTPKLEPKESPTR INGSIPAGPKQEPCAQHNGSEPA SPKRERPTSPAPHRPPKR VKAKAVPS
Purity	>90% by SDS-PAGE.
Storage	Keep at -80°C for long term storage. Product is stable at 4 °C for at least 7 days.

GENE INFORMATION

Gene Name	SIRT6 sirtuin 6 [Homo sapiens]
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Official Symbol	SIRT6
Synonyms	SIRT6; sirtuin 6; NAD-dependent deacetylase sirtuin-6; sirtuin type 6; SIR2-like protein 6; sir2-related protein type 6; SIR2L6;
Gene ID	51548
mRNA Refseq	NM_001193285
Protein Refseq	NP_001180214
MIM	606211
UniProt ID	Q8N6T7
Chromosome Location	19p13.3
Pathway	Signaling events mediated by HDAC Class I, organism-specific biosystem;
Function	NAD(P) ⁺ -protein-arginine ADP-ribosyltransferase activity; NAD ⁺ ADP-ribosyltransferase activity; NAD ⁺ binding; NAD-dependent histone deacetylase activity; NAD-dependent histone deacetylase activity (H3-K9 specific); hydrolase activity; metal ion binding; protein binding; zinc ion binding;

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