

Recombinant Human SIRT5 Protein, His-tagged

Cat. No. SIRT5-192H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human SIRT5 protein, fused with N-terminal His-tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	37-310
Form	50 mM Tris/HCl pH 7.5, 500 mM NaCl, 1 mM TCEP, 10% glycerol (v/v).
Molecular Mass	32.3 kDa
Purity	>95% by SDS-PAGE
Storage	Store at -80centigrade. Thaw quickly and store on ice before use. Avoid repeated freezing and thawing cycles.

GENE INFORMATION

Gene Name	SIRT5 sirtuin 5 [Homo sapiens]
Official Symbol	SIRT5
Synonyms	SIRT5; sirtuin 5; sirtuin (silent mating type information regulation 2 homolog) 5 (S.

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	cerevisiae) , sirtuin (silent mating type information regulation 2, S.cerevisiae, homolog) 5; NAD-dependent lysine demalonylase and desuccinylase sirtuin-5, mitochondri
Gene ID	23408
mRNA Refseq	NM_001193267
Protein Refseq	NP_001180196
MIM	604483
UniProt ID	Q9NXA8
Chromosome Location	6p23
Pathway	Signaling events mediated by HDAC Class I, organism-specific biosystem;
Function	NOT NAD+ ADP-ribosyltransferase activity; NAD+ binding; hydrolase activity; metal ion binding; protein-malonyllysine demalonylase activity; protein-succinyllysine desuccinylase activity; zinc ion binding;