

Recombinant Full Length Human SIRT4, His-tagged

Cat. No. SIRT4-2682H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human SIRT4 protein, fused to His-tag, was expressed in E.coli and purified by Ni-sepharose.
Species	Human
Source	E.coli
ProteinLength	1-314aa
Storage	The protein is stored in PBS buffer at -20°C. Avoid repeated freezing and thawing cycles.
Storage Buffer	1M PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH8.) added with 300mM Imidazole and 0.7% Sarcosyl, 15%glycerol.

GENE INFORMATION

Gene Name	SIRT4 sirtuin 4 [Homo sapiens]
Official Symbol	SIRT4
Synonyms	SIRT4; sirtuin 4; sirtuin (silent mating type information regulation 2 homolog) 4 (S. cerevisiae) , sirtuin (silent mating type information regulation 2, S. cerevisiae, homolog) 4; NAD-dependent ADP-ribosyltransferase sirtuin-4; SIR2L4; sir2-like 4; sirtuin type 4; SIR2-like protein 4; MGC57437; MGC130046; MGC130047;

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Gene ID	23409
mRNA Refseq	NM_012240
Protein Refseq	NP_036372
MIM	604482
UniProt ID	Q9Y6E7
Chromosome Location	12q24.31
Pathway	Signaling events mediated by HDAC Class I, organism-specific biosystem;
Function	NAD+ ADP-ribosyltransferase activity; NAD+ ADP-ribosyltransferase activity; NAD+ binding; NOT NAD-dependent protein deacetylase activity; metal ion binding; protein binding; transferase activity; zinc ion binding;

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