

## Recombinant Human SIRT6, GST-tagged

Cat. No. SIRT6-2684H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human SIRT6 protein, fused to GST-tag, was expressed in E.coli and purified by GSH-sepharose.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>ProteinLength</b>	1-328aa
<b>Storage</b>	The protein is stored in PBS buffer at -20°C. Avoid repeated freezing and thawing cycles.
<b>Storage Buffer</b>	1M PBS (58mM Na <sub>2</sub> HPO <sub>4</sub> , 17mM NaH <sub>2</sub> PO <sub>4</sub> , 68mM NaCl, pH8. ) added with 100mM GSH and 1% Triton X-100, 15% glycerol.

### GENE INFORMATION

<b>Gene Name</b>	SIRT6 sirtuin 6 [ Homo sapiens ]
<b>Official Symbol</b>	SIRT6
<b>Synonyms</b>	SIRT6; sirtuin 6; sirtuin (silent mating type information regulation 2 homolog) 6 (S. cerevisiae) , sirtuin (silent mating type information regulation 2, S. cerevisiae, homolog) 6; NAD-dependent deacetylase sirtuin-6; sirtuin type 6; SIR2-like protein 6; sir2-related protein type 6; SIR2L6;

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<b>Gene ID</b>	51548
<b>mRNA Refseq</b>	NM_001193285
<b>Protein Refseq</b>	NP_001180214
<b>MIM</b>	606211
<b>UniProt ID</b>	Q8N6T7
<b>Chromosome Location</b>	19p13.3
<b>Pathway</b>	Signaling events mediated by HDAC Class I, organism-specific biosystem;
<b>Function</b>	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; p

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