

Recombinant Human SIRT6 Protein, His-tagged

Cat. No. SIRT6-121H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Active recombinant N-terminal His-tagged human SIRT6 protein (1-355) was purified from E. coli.
Species	Human
Source	E.coli
ProteinLength	1-355
Description	This gene encodes a member of the sirtuin family of NAD-dependent enzymes that are implicated in cellular stress resistance, genomic stability, aging and energy homeostasis. The encoded protein is localized to the nucleus, exhibits ADP-ribosyl transferase and histone deacetylase activities, and plays a role in DNA repair, maintenance of telomeric chromatin, inflammation, lipid and glucose metabolism. Alternative splicing results in multiple transcript variants encoding different isoforms.
Molecular Mass	43.7 kDa
Purity	≥80% as determined by SDS-PAGE
Stability	≥ 6 months
Storage	At -80 centigrade.
Storage Buffer	25 mM Tris-HCl, pH 8.0, with 100mM NaCl, 20% glycerol

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 Email: info@creative-biomart.com  Fax: 1-631-938-8127

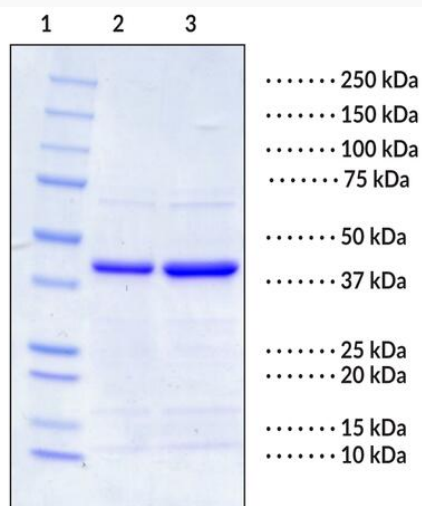
 45-1 Ramsey Road, Shirley, NY 11967, USA

GENE INFORMATION

Gene Name	SIRT6 sirtuin 6 [Homo sapiens (human)]
Official Symbol	SIRT6
Synonyms	SIRT6; sirtuin 6; SIR2L6; NAD-dependent protein deacetylase sirtuin-6; SIR2-like protein 6; regulatory protein SIR2 homolog 6; sir2-related protein type 6; sirtuin type 6; EC 2.3.1.286
Gene ID	51548
mRNA Refseq	NM_016539
Protein Refseq	NP_057623
MIM	606211
UniProt ID	Q8N6T7

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**SDS-PAGE analysis
of SIRT6**



Lane 1: MW Markers

Lane 2: SIRT6 (2 µg)

Lane 3: SIRT6 (4 µg)