

Recombinant Human SIRT4 Protein (Ser28-Cys314), His tagged

Cat. No. SIRT4-3477H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human SIRT4 (Ser28-Cys314) protein fused with His tag was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Ser28-Cys314
Description	Downregulation of SIRT4 significantly increased tumor proliferation, migration and invasion. Additionally, downregulation of SIRT4 decreased the chemosensitivity of CRC cells by inhibiting cell apoptosis. Thus, these results suggest that SIRT4 may be a promising therapeutic target in CRC. SIRT4 in the control of energy metabolism and meiotic apparatus during oocyte maturation and indicate that SIRT4 is an essential factor determining oocyte quality. SIRT4 ameliorates MI-R injury through regulating mitochondrial function and apoptosis, and suggest that manipulating SIRT4 may be of clinical benefit in MI-R injury.
Molecular Mass	33.05 kDa
Purity	>90 % as determined by SDS-PAGE.
Notes	For research use only.

 Tel: 1-631-559-9269 1-516-512-3133

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

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

Storage	Use a manual defrost freezer and avoid repeated freeze thaw cycles. Store at 2 to 8 centigrade for one week. Store at -20 to -80 centigrade for twelve months from the date of receipt.
Storage Buffer	Supplied as solution form in PBS pH 7.5 or lyophilized from PBS pH 7.5.
Reconstitution	Reconstitute in sterile water for a stock solution.
Shipping	In general, proteins are provided as lyophilized powder/frozen liquid. They are shipped out with dry ice/blue ice unless customers require otherwise.

GENE INFORMATION

Gene Name	SIRT4 sirtuin 4 [Homo sapiens (human)]
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;
Gene ID	23409
mRNA Refseq	NM_012240
Protein Refseq	NP_036372
MIM	604482
UniProt ID	Q9Y6E7

 Tel: 1-631-559-9269 1-516-512-3133

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

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