

Recombinant Full Length Human SIRT4 Protein, GST-tagged

Cat. No. SIRT4-024H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human SIRT4 protein (1-314) with a N-terminal GST-tag was expressed in E.coli
Species	Human
Source	E.coli
ProteinLength	1-314
Description	This gene encodes a member of the sirtuin family of proteins, homologs to the yeast Sir2 protein. Members of the sirtuin family are characterized by a sirtuin core domain and grouped into four classes. The functions of human sirtuins have not yet been determined; however, yeast sirtuin proteins are known to regulate epigenetic gene silencing and suppress recombination of rDNA. Studies suggest that the human sirtuins may function as intracellular regulatory proteins with mono-ADP-ribosyltransferase activity. The protein encoded by this gene is included in class IV of the sirtuin family.
Molecular Mass	61.9 kDa
Purity	≥95% estimated by SDS-PAGE
Stability	≥ 9 months
Storage	-80 centigrade

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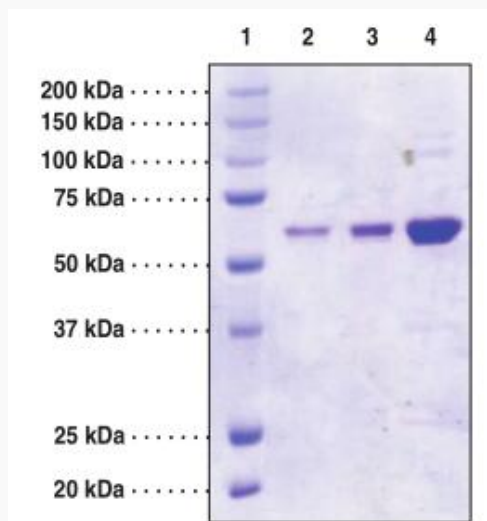
 45-1 Ramsey Road, Shirley, NY 11967, USA

GENE INFORMATION

Gene Name	SIRT4 sirtuin 4 [Homo sapiens (human)]
Official Symbol	SIRT4
Synonyms	SIRT4; sirtuin 4; SIR2L4; NAD-dependent protein lipoamidase sirtuin-4, mitochondrial; NAD-dependent ADP-ribosyltransferase sirtuin-4; NAD-dependent protein deacetylase sirtuin-4; SIR2-like protein 4; regulatory protein SIR2 homolog 4; sir2-like 4; sirtuin type 4; EC 2.3.1.286
Gene ID	23409
mRNA Refseq	NM_012240
Protein Refseq	NP_036372
MIM	604482
UniProt ID	Q9Y6E7

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SDS-PAGE Analysis of SIRT4



Lane 1: MW Markers

Lane 2: SIRT4 (1 g)

Lane 3: SIRT4 (2 g)

Lane 4: SIRT4 (5 g)

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