

## Recombinant Human SIRT5 protein, Flag-tagged

Cat. No. SIRT5-677H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human SIRT5 protein(NP_036373.1)(Arg2-Ser310), fused with Flag tag, was expressed in E. coli.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>ProteinLength</b>	Arg2-Ser310
<b>Form</b>	Lyophilized from sterile PBS, 1 mM DTT, pH 8.2.Please contact us for any concerns or special requirements. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
<b>Molecular Mass</b>	The recombinant human SIRT5 consists of 318 amino acids and predicts a molecular mass of 34.9 kDa.
<b>Purity</b>	> 75 % as determined by SDS-PAGE.
<b>Storage</b>	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
<b>Reconstitution</b>	It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

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## GENE INFORMATION

**Gene Name** [SIRT5 sirtuin 5 \[ Homo sapiens \]](#)

**Official Symbol** [SIRT5](#)

**Synonyms** [SIRT5](#); [sirtuin 5](#); [sirtuin \(silent mating type information regulation 2 homolog\) 5 \(S. cerevisiae\)](#) , [sirtuin \(silent mating type information regulation 2, S.cerevisiae, homolog\) 5](#); [NAD-dependent lysine demalonylase and desuccinylase sirtuin-5, mitochondrial](#); [sir-like 5](#); [sirtuin type 5](#); [SIR2-like protein 5](#); [NAD-dependent deacetylase sirtuin-5](#); [silent mating type information regulation 2, S.cerevisiae, homolog 5](#); [SIR2L5](#); [FLJ36950](#);

**Gene ID** [23408](#)

**mRNA Refseq** [NM\\_001193267](#)

**Protein Refseq** [NP\\_001180196](#)

**MIM** [604483](#)

**UniProt ID** [Q9NXA8](#)

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