

3050 Spruce Street, Saint Louis, MO 63103, USA

Website: [www.sigmaaldrich.com](http://www.sigmaaldrich.com)Email USA: [techserv@sial.com](mailto:techserv@sial.com)Outside USA: [eurtechserv@sial.com](mailto:eurtechserv@sial.com)

## Product Specification

Product Name:

SIRT1 human – recombinant, expressed in E. coli, N-terminal histidine tagged, ≥90% (SDS-PAGE), buffered aqueous glycerol solution

Product Number: **S8446**

Storage Temperature: -20 °C

TEST	Specification
Appearance (Form) Clear Solution	Conforms
Appearance (Colour)	Colorless
Protein Content (Method)	Bradford
Prot. Content (µg Protein/ml)	300.00 - 600.00
Vial Content (Actual Content)	≥ 150.00
Vial Content (Size)	150.00 - 150.00
Vial Content (Unit Of Measure)	µg Protein
Enzym. Assay (Spec. Activity)	≥ 10.00 U/mgP
Gel Electroph. (Gel)	SDS-Page
Gel Electroph. (Stain)	Coomassie
Gel Electroph. (Description)	1 Major Band
Gel Electroph. (Purity)	≥ 90.0 %
Recommended Retest Period 2 Years	-----

Specification: PRE.4.ZQ5.10000002988

Sigma-Aldrich warrants, that at the time of the quality release or subsequent retest date this product conformed to the information contained in this publication. The current Specification sheet may be available at Sigma-Aldrich.com. For further inquiries, please contact Technical Service. Purchaser must determine the suitability of the product for its particular use. See reverse side of invoice or packing slip for additional terms and conditions of sale.