SIRT2 (human), (recombinant) (His-tag)

Due to their roles in gene silencing, aging, and oxidative stress responses, it is believed that sirtuins (NAD-dependent lysine deacetylases) play a crucial role in cell metabolism. Human SIRT2 is a class I sirtuin, although not as closely related to Sir2 and human SIRT1. Its catalytic core has the same basic two-domain architecture and central groove as other sirtuins and an interaction with the homeobox transcription factor HOXA10.

Citations: 5 View Online »

Manuals, SDS & CofA View Online »

Handling & Storage

Long Term Storage	-80°C
Shipping	Dry Ice

Regulatory Status RUO - Research Use Only

Product Details

Alternative Name	Sirtuin 2
Formulation	Liquid. In 25mM TRIS, pH 7.5, containing 100mM NaCl, 5mM DTT and 10% glycerol.
MW	43 kDa
Purity Detail	Purified by multi-step chromatography.
Source	Produced in *E. coli*. Contains a N-terminal His-tag.
Specific Activity	One unit will deacetylate 1pmol/min of FLUOR DE LYS®-SIRT2 substrate (Prod. No. BML-KI179).
UniProt ID	Q8IXJ6

Last modified: May 29, 2024

ENZO LIFE SCIENCES, INC.
Phone: 800.942.0430
info-usa@enzolifesciences.com

European Sales Office
ENZO LIFE SCIENCES (ELS) AG
Phone: +41 61 926 8989
info-eu@enzolifesciences.com

Belgium, The Netherlands & Luxembourg
Phone: +32 3 466 0420
info-be@enzolifesciences.com

France
Phone: +33 472 440 655
info-fr@enzolifesciences.com

Germany
Phone: +49 7621 5500 526
info-de@enzolifesciences.com

UK & Ireland
Phone (UK customers): 0845 601 1488
Phone: +44 1392 825900
info-uk@enzolifesciences.com

For local distributors and detailed product information visit us online: enzo.com All product names, logos, and brands are the property of their respective owners.