

Certificate of Analysis

SIRTUIN2

(Recombinant enzyme expressed in *E.coli*)

Item # EPI060-K, EPI060

Parent Lot #223497

The data presented in this document apply to the parent lot shown above and to all pack sizes derived from subsequent vialling runs of this parent lot. An alphabetical suffix after the parent lot number is used to denote each vialling run.

Product Description: N-terminal 6His-tagged, recombinant amino acids 50-356, human, expressed by *E.coli*. Purified using immobilized metal affinity chromatography.
Purity 76% by SDS-PAGE and Coomassie blue staining.
MW = 37 kDa.

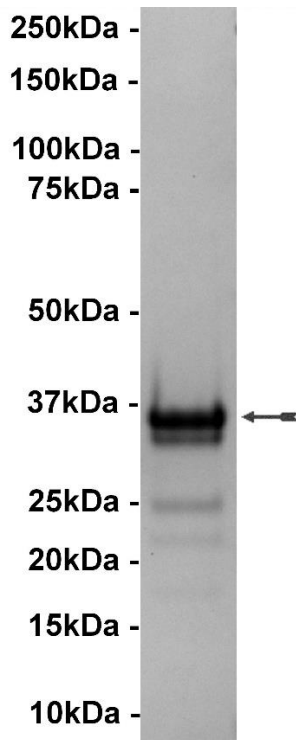
Formulation: 0.52 mg/ml of enzyme in 50 mM Tris/HCl pH 7.5, 500 mM NaCl, 10% glycerol. Frozen solution.

Storage and Stability: On receipt of material store at -70°C. Unopened reagent is stable for a minimum of 1 year from date of shipment when stored at recommended storage temperature. Avoid repeat freeze/thaw cycles. For maximum recovery of product, centrifuge original vial prior to removing the cap.

Handling Recommendations: Rapidly thaw the vial under cold water and immediately place on ice. Aliquot unused material into pre-chilled micro-centrifuge tubes and immediately snap-freeze the vials in liquid nitrogen prior to re-storage at -70°C.

**FOR IN VITRO RESEARCH USE ONLY
NOT FOR USE IN HUMANS OR ANIMALS**

Quality Control Testing



SDS-PAGE and Coomassie Stain: Purity was assessed by SDS-PAGE and Coomassie blue staining using 3 µg of Sirtuin2, active.

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SIRTUIN2 Sequence Information

<u>Protein</u>	Human Sirtuin2
<u>Tags</u>	N-terminal 6His
<u>Accession number</u>	GenBank NM_012237.4

Reviewed and approved by site quality representative.

Unless otherwise stated in our catalogue or other company documentation accompanying the product(s), our products are intended for research use only and are not to be used for any other purpose, which includes but is not limited to, unauthorized commercial uses, in vitro diagnostic uses, ex vivo or in vivo therapeutic uses or any type of consumption or application to humans or animals.