CERTIFICATE of ANALYSIS

SIRT3 (human, recombinant)

Item No. 10011194 • Batch No. 0828438 • Expires 03NOV2027

Overview

Formulation:	50 mM Tris, pH 8.0, with 200 mM sodium chloride, 0.5 mM TCEP, and 10% glycerol
Concentration:	0.97 mg/mL
Storage/stability:	-80°C/1yr
Specific activity:	10.30 U/mg
Unit definition:	One unit is defined as the amount of enzyme required to produce 1 nmole of 7-amino-4-methylcoumarin per minute at 25°C in 50 mM Tris-HCl, pH 8.0, containing 137 mM NaCl, 2.7 mM KCl, 1 mM MgCl2, 125 µM p53 amino acids 317-320 (Gln-Pro-Lys-Lys(e-acetyl)-AMC), and 6 mM NAD+
Activity:	10.00 U/ml
Purity:	≥50% estimated by SDS-PAGE

Reviewed and approved by: Beth Hurst **Approved date: 04NOV2026**



WARNING
THIS PRODUCT IS FOR RESEARCH USE - NOT FOR HUMAN OR VETERINARY DIAGNOSTIC OR THERAPEUTIC USE. IT IS THE RESPONSIBILITY OF THE PURCHASER TO DETERMINE SUITABILITY FOR OTHER APPLICATIONS.

SAFETY DATA
This material should be considered hazardous until further information becomes available. Do not ingest, inhale, get in eyes, on skin, or on clothing. Wash thoroughly after handling. Before use, the user must review the complete Safety Data Sheet, which has been sent via email to your institution.

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