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Certificate of Analysis

Product Name:

SILu™ Prot AKT3, RAC-gamma serine/threonine-protein kinase human - recombinant, expressed in HEK 293 cells, SIL MS Protein Standard, ¹³C and ¹⁵N-labeled

Product Number: MSST0053

Batch Number: MGM

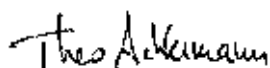
Brand: SIGMA

Storage Temperature: Store at -20 °C

Quality Release Date: 24 MAY 2017

Recommended Retest Date: MAY 2019

Test	Specification	Result
Appearance (Form)	Liquid	Liquid
Appearance (Turbidity)	Clear to Slightly Hazy	Clear
Appearance (Colour)	Colorless	Colorless
Vial Content (Size)	10.0 - 10.0 µg	10.0 µg
Vial Content (Actual Content)	10.0 - 13.0 µg	12.5 µg
Bradford		
Vial to Vial Variation (RSD)	≤ 15.0 %	12.4 %
Bradford, from 5% of the batch		
Purity	≥ 95.0 %	96.8 %
SDS-PAGE, under reducing conditions		
Heavy Amino Acids	≥ 98 %	99 %
Incorporation percentage (MS)		



Theo Ackermann PhD MScEng CQM
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 Jerusalem, Israel IL

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.