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New England Biolabs Certificate of Analysis

Product Name: CLIP-Surface™ 547

Catalog Number: S9233S
Packaging Lot Number: 10061368
Expiration Date: 11/2024
Storage Temperature: -20°C

Specification Version: PS-S9233S v4.0

| CLIP-Surface™ 547 Component List | | | | |
|----------------------------------|-----------------------|------------|----------------------|--|
| NEB Part Number | Component Description | Lot Number | Individual QC Result | |
| S9233SVIAL | CLIP-Surface™ 547 | 10058212 | Pass | |

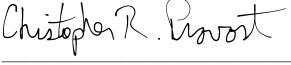
| Assay Name/Specification | Lot # 10061368 |
|--|----------------|
| Physical Purity (HPLC) CLIP-Surface™ 547 is ≥ 80% pure as determined by HPLC analysis. | Pass |
| In Vitro Protein Labeling A 50 μl reaction in 1X PBS and 1 mM DTT containing 5 μM of CLIP-tag® Purified Protein and a minimum of 10 μM of CLIP-Surface™ 547 is incubated for 1 hour at 37°C results in the expected labeled product that is visualized on SDS-PAGE by fluorescent detection. | Pass |
| Identity (Mass Spectrometry) The observed molecular mass of CLIP-Surface™ 547 is 828.3 Da +/- 1 Da as determined by mass spectrometry analysis. | Pass |

This product has been tested and shown to be in compliance with all specifications.



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Chris Provost Production Scientist 22 Nov 2019 Michael Tonello

Packaging Quality Control Inspector

10 Dec 2019