

New England Biolabs Product Specification

Product Name: CLIP-Biotin
Catalog #: S9221S
Shelf Life: 60 months
Storage Temp: -20°C
Specification Version: PS-S9221S v2.0
Effective Date: 30 Jul 2018

Assay Name/Specification (minimum release criteria)

Identity (Mass Spectrometry) - The observed molecular mass of CLIP-Biotin is 569.3 Da +/- 1 Da as determined by mass spectrometry analysis.

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-Biotin is incubated for 1 hour at 37°C results in the expected labeled product that is visualized on SDS-PAGE by gel shift after silver staining.

Physical Purity (HPLC) - CLIP-Biotin is ≥ 80% pure as determined by HPLC analysis.



Date 30 Jul 2018

Derek Robinson
Director of Quality Control

