

New England Biolabs Certificate of Analysis

Product Name: CLIP-Cell™ 505
Catalog Number: S9217S
Lot Number: 10028931
Expiration Date: 10/2021
Storage Temperature: -20°C
Specification Version: PS-S9217S v2.0

CLIP-Cell™ 505 Component List			
NEB Part Number	Component Description	Lot Number	Individual QC Result
S9217SVIAL	CLIP-Cell 505™	10026166	Pass

Assay Name/Specification	Lot # 10028931
<p>Cellular Protein Labeling (Cell Surface) Mammalian cells transfected with pCLIPf-NK1R expressing the gene encoding the seven-pass transmembrane protein Neurokinin-1 receptor (NK1R) (cell surface) were labeled with 5 µM CLIP-Cell™ 505 for 1 hour and visualized by fluorescence microscopy resulting in the expected cell surface labeling.</p>	Pass
<p>Cellular Protein Labeling (Intracellular) Mammalian cells transfected with pCLIPf-H2B expressing Histone H2B protein (nucleus) were labeled with 5 µM CLIP-Cell™ 505 for 1 hour and visualized by fluorescence microscopy resulting in the expected intracellular labeling.</p>	Pass
<p>Identity (Mass Spectrometry) The observed molecular mass of CLIP-Cell™ 505 is 587.2 Da +/- 1 Da as determined by mass spectrometry analysis.</p>	Pass
<p>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-Cell™ 505 is incubated for 1 hour at 37°C results in the expected labeled product that is visualized on SDS-PAGE by fluorescent detection.</p>	Pass
<p>Physical Purity (HPLC) CLIP-Cell™ 505 is ≥ 80% pure as determined by HPLC analysis.</p>	Pass

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

Christopher R. Provost

Chris Provost
Production Scientist
02 Nov 2018

Michael Tonello

Michael Tonello
Packaging Quality Control Inspector
06 Nov 2018