



EIV12025E

# ExCell Bio

## OptiVibro<sup>®</sup> Protein Expression Enhancer

For Research and Manufacturing Use

Not Intended for Diagnostic and Therapeutic Use

### User Manual

Catalog Number	M101412C
	M101413C



## | PRODUCT DESCRIPTION

OptiVibro® Protein Expression Enhancer is an additive primarily used in the transient transfection process of CHO cells to increase protein expression yield. It works best when used in conjunction with the OptiVibro® CHO Serum-free Basal Medium TransExp CE06 (Catalog Number: CE000-N052) and OptiVibro® CHO Serum-free Feed Medium TransExp CA06 (Catalog Number: CA000-N031). This product can also be used for CHO stable transfection cells to promote protein expression, with varying degrees of protein yield enhancement depending on the cell line type.

## | SPECIFICATION, STORAGE AND TRANSPORTATION

### REQUIREMENT

Product Name	Cat. #	Specification	Storage	Transportation	Shelf Life
OptiVibro® Protein Expression Enhancer	M101412C	1 mL Liquid	2-8°C Protect From Light.	<25°C Protect From Light.	12 months
	M101413C	5 mL Liquid			

## | HANDLING RECOMMENDATIONS

1. Please make sure to store the cell culture medium in a light-protected environment, avoid fluorescent lamps or other lamplight exposure, and better to use colored packaging bags in the refrigerator or warehouse.
2. During the transportation of the product, it should be kept away from light. This is to prevent the product from being affected by the irradiation of fluorescent lamps or other light sources, which may lead to discoloration.
3. During the transportation of the product to the clean area, it is essential to carry out a cleaning process. The cleaning method may involve disinfectant wiping, and not utilize UV irradiation.

**Note:** When passing through transfer windows equipped with UV lamp, remember to proactively turn off the UV lamp inside the transfer window.

## | INSTRUCTION FOR USE

1. For CHO Transient Transfection Expression: For instructions on use and other details (such as transfection method recommendations), please refer to the OptiVibro® CHO Serum-free Basal Medium TransExp CE06 user manual.
2. For CHO Stable Transfection Expression: The protein expression enhancer can be added during the Fed-batch culture process at D05. The recommended addition amount is 1 mL/L, or customers can conduct gradient tests based on their specific cell lines.

## **| DISCLAIMER**

1. Use the product according to the manual instructions. Deviations from these instructions are at the user's risk, and our company will not be responsible for any resulting product performance deviations.
2. This product is for scientific research and commercial production only and is not intended for clinical diagnosis or treatment. Users assume all risks for unauthorized use, and our company shall not be responsible for any consequences.