



293-ISTM Expression Enhancer-1

Product Name	293-IS TM Expression Enhancer-1
Catalog No.	IT-100-001-1
Description	293-IS TM Expression Enhancer-1 is a 293 cell culture supplementary for large-scale protein production. It increases the protein yield through improving cell viability and gene expression.
Advantages	<ul style="list-style-type: none">• 50-100% increase of protein expression yield• Quick and robust procedure• Scale-up free from 1-liter shake flask to large-scale bioreactor culture• Cost effective
Component	293-IS TM Expression Enhancer-1 (100 ml for 5L culture)
Storage	Store at 4°C.
Stability	293-IS TM Expression Enhancer-1 is stable for at least 1 year at 4°C.
Use Limitation	For research use only

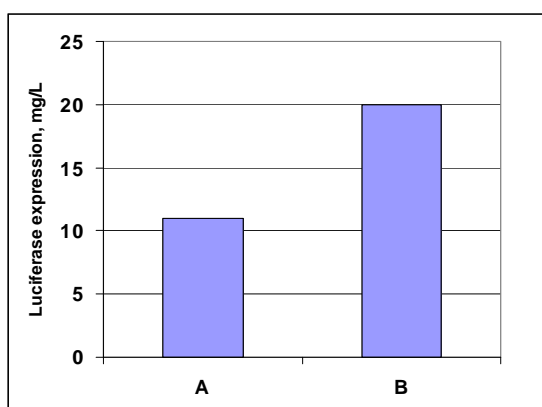


Figure 1. Luciferase expression (mg per liter culture) of HEK-293 suspension cells transfected with pCMV-Luciferase plasmid using 293-ISTM Transfection Reagent without (A) or with (B) 293-ISTM Expression Enhancer-1 addition.

Protocol for 1 liter Culture Protein Production

1. Two days after transfected with 293-ISTM Transfection Reagent or other transfection reagents, add 20ml of pre-warmed (37°C) 293-ISTM Expression Enhancer-1 into 1L 293F cell culture and incubate for additional 2 or 3 days prior to harvest.