

293T Cell Serum-Free Cell Culture Freezing Medium

293T cells are considered the "gold standard tool" in genetic engineering and virology research. Due to their high efficiency in exogenous gene expression and viral packaging capability, they serve as a core cellular model for functional genomics, vaccine development, and gene therapy studies. Cell cryopreservation is a critical technique for the long-term preservation of cell lines. Conventional cryopreservation methods often employ fetal bovine serum (FBS), yet the complexity and batch-to-batch variability of FBS components can introduce inconsistencies in product quality and pose risks of microbial contamination.

This ready-to-use, serum-free cryopreservation medium specifically designed for 293T cells. This formulation incorporates simplified cryoprotective agents to reduce dimethyl sulfoxide (DMSO) concentration while ensuring high post-thaw viability. 293T cells cryopreserved with this solution demonstrate superior recovery rates and consistently maintain cell viability above 90%.

Catalog No.	523111
Size	50mL / 100mL
Product Category	Cell Cryopreservative
Storage/Stability	2 ~ 8°C/1 year
Shipping	Gel Packs