

USP Grade Serum-free Cell Cryopreservation Solution

Product Introduction:

Serum-free cell with a 5% DMSO content is a newly developed cryopreservation solution specifically designed for clinical cell therapy based on the clinical cell therapy.

This product is serum-free, protein-free, and has completely clear chemical composition. All the raw materials comply with US Pharmacopoeia standard (USP grade). It has been experimentally proven to be suitable for the cryopreservation of immune cells.

Product Features:

- Ready to use, stable storage, and convenient.
 - High cell recovery rate of >90% or above.
 - Clear chemical composition (no animal or human derived substances, no protein).
 - Cells can be stored directly at -80 °C and can be stored for a long time, as well as in the liquid nitrogen.
- (Special reminder: no need for programmed cooling process from -80°C to liquid nitrogen.)



Suitable for: immune cells and primary cells.

Tested cells included but not limited to (for reference) 293T, U937, JurKat, SP2/0, peripheral blood mononuclearcell, etc.

❖ The reference for the recovery rate of related cells is as follows:

Cell Line	Storage Conditions/Time	Cell Survival Rate after Resuscitation
293T	-80 °C, 3 years -	>90%
MCF-7	80 °C, 3 years -	>90%
Jurkat	80 °C, 3 years -	>90%
THP-1	80 °C, 3 years -	>90%
U937	80 °C, 3 years -	>90%
HL-60	80 °C, 3 years -	>90%
TF-1	80 °C, 3 years -	>90%
PBMC donor 1	80 °C, 3 years -	>90%
PBMC donor 2	80 °C, 3 years -	>90%
PBMC donor 3	80 °C, 3 years	>90%