

# Recombinant Human DC Cocktail

Cat. #: SG4-100

## Product Specifications

- Expression of Human Proteins in Human Cells
- Extremely Low Endotoxin Level
- High Purity
- Animal Free and Xeno Free
- Tag Free

## Cocktail Components

The cocktail contained recombinant human GM-CSF and IL-4. The concentrations of both cytokines had been optimized for dendritic cell culture.

**Source:** Derived from human cells

**Size:** 100 ml

**Shipping:** Ambient temperature

**Purity:** >95% by SDS-PAGE

**Endotoxin Level:** <0.5 EU/μg

**Formulation:** Lyophilized from a 0.2 μm filtered solution in PBS without carrier protein

## Purity Confirmation

The protein was resolved by SDS-PAGE and the gel was stained with Coomassie blue.

## Activity Assay

Activity was measured by its ability to induce alkaline phosphatase production in the ATDC-5 cell line (Mouse chondrogenic cell line).

## Reconstitution

Briefly centrifuge the vial before opening. It is recommended to reconstitute the protein in sterile 4 mM HCl containing at least 0.1% human or bovine serum albumin.

## Stability and Storage

Use a manual defrost freezer and avoid repeated freeze-thaw cycles. In general: 12 months from date of receipt, -20 to -80° C as supplied. 1 month, 2 to 8° C under sterile conditions after reconstitution. 3 months, -20 to -80° C under sterile conditions after reconstitution.

