

Catalog Number: HZ-8101

Data Sheet

HumanKine[®] recombinant human Cytokine Cocktail protein



Animal Component-Free

Human cell expressed

Tag-Free

Endotoxin Free

Product Description

Dendritic cells (DCs) are antigen-presenting cells. Their main function is to process antigen material and present it on the cell surface to the T cells of the immune system. GM-CSF along with IL-4 is indispensable for the differentiation of human DCs from monocytes. This cocktail includes 1 vial of human IL-4 and human GM-CSF. This cocktail can be used in combination with HZ9101 to produce high quality DCs.

Alternative Names	N/A
Source	Human Embryonic Kidney cells (HEK293). HEK293-derived Cytokine Cocktail protein
Species Reactivity	human

Specifications

Test	Method	Specification
Activity		N/A
Molecular Mass	SDS-PAGE	N/A
Purity	SDS-PAGE	>95%
Endotoxin	LAL	< 1 EU/μg

SDS-PAGE

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Preparation	
Shipping Temperature	ambient temperature
Formulation	N/A
Reconstitution	N/A

Stability and Storage	Product Form	Temperature Conditions	Storage Time (From Date of Receipt)
	Lyophilized	-20°C to -80°C	Until Expiry Date
	Lyophilized	Room Temperature	2 weeks
	Reconstituted as per CofA	-20°C to -80°C	6 months
	Reconstituted as per CofA	4°C	1 week
Avoid repeated freeze-thaw cycles.			

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