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Product Datasheet

CytoPak ActiveMax Human DLL4 muBeads, premium grade (for cells, 5.5µm) ABS-MBS-C038-25MG

Artikelname	CytoPak ActiveMax Human DLL4 muBeads, premium grade (for cells, 5.5µm)
Artikelnummer	ABS-MBS-C038-25MG
Hersteller Artikelnummer	MBS-C038-25mg
Alternativnummer	ABS-MBS-C038-25MG
Hersteller	AcroBiosystems
Kategorie	Sonstiges
Produktbeschreibung	CytoPak ActiveMax Human DLL4 µBeads, premium grade (for cells, 5.5µm) - Sonstiges...
Formulierung	Liquid
Target-Kategorie	DLL4

Anwendungsbeschreibung

CytoPak ActiveMax Human DLL4 μ Beads, premium grade (for cells) are optimized for large-scale in vitro differentiation of induced pluripotent stem cells (iPSCs) in systems such as cellbags, or stirred-tank bioreactors. The beads functionally mimic thymic DLL4+ epithelial cells by engaging Notch receptors (e.g., Notch1/2) on hematopoietic stem/progenitor cells (HSPCs), thereby activating downstream Notch signaling pathways to drive lineage-specific differentiation. A representative application case is exemplified by ActiveMax Human DLL4 μ Beads, premium grade (for cells), which induce the differentiation of CD34+ hematopoietic stem cells into progenitor T cells lineage (proT cells), Natural Killer (NK) cells lineages etc. under in vitro conditions with the specialized culture media and cytokines supplementation. This product provides a powerful tool for developing stem cell-based immunotherapies. The dosage and performance of CytoPak ActiveMax Human DLL4 μ Beads, premium grade (for cells) vary with the differentiation of cell donor, culture media, cytokines supplementation, and target cell lineages etc. It is recommended to optimize the experiment parameters using small-size product (Cat. No. MBS-C013) prior to scaling up.