

## CXCR4 protein-coupled magnetic MicroBeads

Cat. No. CXCR4-593M Lot. No. (See product label)

### SPECIFICATION

**Species** Human

**Capacity** for  $1 \times 10^9$  total cells

**Background**

CD184 is also known as CXCR4 or fusin, a 45 kDa seven transmembrane G-protein-linked chemokine receptor for SDF-1. CD184 is expressed on Sox17+/FoxA2+ definitive endoderm (DE) cells that can be derived from pluripotent stem cells (PSCs) in vitro. DE differentiation is induced by high doses of Activin A in combination with Wnt and FGF pathway activation. 3-5 days after induction, DE cells can be isolated based on CD184.

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