Cas9-Expressing Canine Primary Small Intestinal Microvascular Endothelial Cells
Catalog No. D-6054Cas9

Suggested Medium
H1168 Complete Endothelial Cell Medium w/ Kit – 500 ml

Product Description
Cas9-Expressing Canine Primary Small Intestinal Microvascular Endothelial Cells from Cell Biologics are isolated from the small intestinal tissues of beagle dogs and grown in gelatin pre-coated tissue culture flask with Cell Biologics' Complete Growth Medium. Cells at passage 3 are harvested from flasks and cryo-preserved in vials. Each vial contains $0.5x10^6$ cells per ml and is delivered frozen. Cas9-Expressing Canine Primary Small Intestinal Microvascular Endothelial Cells are characterized by use of fluorescence-labeled acetylated low-density lipoprotein (DiI-Ac-LDL) uptake (Catalog No. L-35353, Invitrogen), a functional marker for endothelial cells. These cells are negative for bacteria, yeast, fungi, and mycoplasma and can be expanded for 3-5 passages at a split ratio of 1:2 under the cell culture conditions specified by Cell Biologics. Repeated freezing and thawing of cells is not recommended.

Cell Biologics generates Cas9-expressing stable cells through transducing Cas9-lentiviral particles. Cas9-stable cells express wild-type Cas endonuclease.

Storage
Cryopreserved cells are shipped with dry ice overnight. Upon arrival, transfer frozen cells to liquid nitrogen (-180°C) immediately until ready for use. Live cell shipment is also available on request. Primary cells can never be kept at -20 °C or -80 °C freezer.

Authorized Uses of Cell Biologics' Products
Cas9-Expressing Canine Primary Small Intestinal Microvascular Endothelial Cells from Cell Biologics are distributed for research purposes only. Our products are not authorized for human use, for in vitro diagnostic or therapeutic procedures. Transfer or resale of any Cell Biologics' cells or products from the purchaser to other markets, organizations or individuals is prohibited by Cell Biologics without the company's written consent. Cell Biologics' Terms and Conditions must be accepted before submitting an order.

Disclaimer
Investigators should handle the cells with caution and treat all animal cells as potential pathogens, since no test procedure can completely guarantee the absence of infectious agents.

Warranty and Liability
Cell Biologics' guarantee applies only to your purchase of Cell Biologics' Cells with Cell Biologics' Media and Coating Solution for appropriate cell culture and cell testing following Cell Biologics' online protocols within 35 days from the date of product delivery.

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