



Cas9 Endothelial Growth Media

Catalog #: MED004

Product Size: 500 ml

Storage: 2-8°C for 6 months

Shipping: Polar packs

GENERAL INFORMATION

Cas9 Endothelial Growth Media is specialized culture media designed for the growth and maintenance of endothelial cells that have been genetically modified using the CRISPR-Cas9 system. Endothelial cells line the interior surface of blood vessels and play a critical role in vascular biology, making them important for studies in angiogenesis, vascular disease, and gene editing. The growth medium supports both the viability of endothelial cells and the expression of Cas9 for gene editing purposes. This medium is sterile filtered and is ready for use.

Product is for Research use only.

STORAGE AND USE

The medium is stored at 2-8°C. A change in color or appearance of precipitate may indicate deterioration. The product is stable for 6 months from the date of receipt under proper storage condition.

CAUTION

Proper precautions must be taken to avoid exposure. Always wear proper protective equipment (gloves, safety glasses, etc.) when handling these materials. We recommend following the universal procedures for handling products of human origin as the minimum precaution against contamination.

KEY FEATURES

This medium is based on a basal formulation optimized for endothelial cells, supplemented with growth factors, serum, and other additives to support cell growth and Cas9 activity. Our media contains a proprietary mix of growth factors and supplements to support high cell viability and proliferation, as healthy cells are more amenable to efficient CRISPR-Cas9 editing. By using our well-optimized growth medium, you can ensure the successful culture and genetic modification of endothelial cells using the CRISPR-Cas9 system, enabling advanced studies in vascular biology and gene function. studies due to their high transfection efficiency and ability to express recombinant proteins.

FOR RESEARCH USE ONLY

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