Product Information

HEKstar 293
Chemically Defined, Protein-free Expression Medium, with L-Glutamine
sterile-filtered
Cat. No. STAR-500ML (500 ml)

General Information

HEKstar 293 is a chemically defined, protein-free and animal component-free production medium developed specifically for stable processes in HEK293 cells. The medium is part of the HEKstar 293 Media System, which combines a robust medium with optional feeding supplements to support stable batch and fed-batch processes within one consistent platform.

The formulation of HEKstar 293 is optimized for high viable cell densities and sustained productivity, resulting in high recombinant protein yields from early development to large-scale bioreactor production.

HEKstar 293 enables reliable suspension adaptation of various HEK293 derivatives, supports stable growth kinetics with viabilities consistently above 90%, and delivers high protein yields from development to large-scale bioreactor production. Due to its broad formulation, HEkstar 293 is suitable for a wide range of different HEK production processes including virus packaging workflows and pilot scale transient transfection workflows.

Product Specifications

Appearance	Clear, pale red to red liquid
Specifications	• Chemically defined • Serum-free • Animal component-free • Protein-free
Formulation	• with 7.0 g/L Glucose • with 8 mM L-Glutamine • with 0.1% Pluronic™
Storage and Shelf Life	+2°C to +8°C Protect from light! Please refer to the label for expiry date.
Shipping Conditions	Ambient

For detailed protocols for cultivation, fed-batch production and transient transfection workflows, please refer to the HEKstar 293 Instructions for Use

Precautions and Disclaimer

This product is for research use and further manufacturing only.
Pluronic is a trademark of BASF Corporation.

Help Needed?

If you have any further questions regarding this product, please do not hesitate to contact our cell culture experts by email (techservice@capricorn-scientific.com) or phone (+49 6424 944640).