

# HEKstar 293

## Defining Performance in Stable Expression



### FOR HIGHLY EFFICIENT PROTEIN EXPRESSION

Developed specifically for stable recombinant protein expression in HEK293 cells.



### HIGH-DENSITY & SCALABLE

Designed to support high viable cell densities in scalable batch and fed-batch processes.



### CHEMICALLY DEFINED & PROTEIN-FREE

The formulation without proteins or animal-derived components reduces variability and simplifies downstream processing.



### ROBUST HEK293 SUSPENSION ADAPTATION & PERFORMANCE

Developed for reliable suspension adaptation, stable growth kinetics and consistently high viabilities (>90%).

**NEW!**

Drive your Performance with HEKstar 293 Expression Kit:

- » Robust Performance
- » Simple Scalability
- » High Productivity



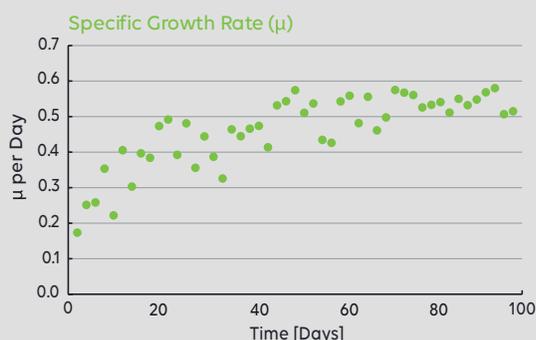
# HEK STAR 293 SYSTEM OVERVIEW

The HEKstar 293 product line is a three-component system consisting of one expression medium and two feeding supplements, developed for highly efficient protein expression.

The Medium & Feeds are 100 %

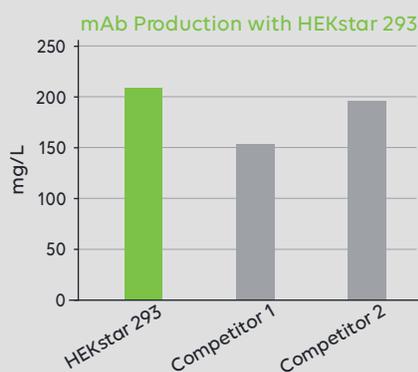
- >> Chemically defined & protein-free
- >> Tailored to HEK expression workflows
- >> Developed for high-yield expression

HEKstar 293 cells can be easily adapted to suspension culture, with viabilities consistently above 90 %.



**Fig. 1** Specific growth rate of cells directly adapted to suspension in HEKstar 293.

HEKstar 293 supports highly efficient, high-yield protein expression with titers reaching hundreds of milligrams per liter.



**Fig. 2** Total mAb yield of HEK293 cultures after fed-batch production in HEKstar 293 and two competitor media.

## ORDER INFORMATION

### PRODUCT

#### HEKstar 293 Expression Kit

1 x 500 ml HEKstar 293 Expression Medium (STAR-500ML)  
2 x 100 ml Feed A (STARFA-100ML)  
2 x 10 ml Feed B (STARFB-10ML)

### VOL. CAT.NO.

Kit STAR-K1

#### HEKstar 293

Chemically Defined, Protein-free  
Expression Medium with L-Glutamine

500 ml STAR-500ML

#### HEKstar 293 Feed A

Chemically Defined Feeding Supplement

100 ml STARFA-100ML

#### HEKstar 293 Feed B

Chemically Defined Feeding Supplement

10 ml STARFB-10ML



SCAN FOR MORE  
INFORMATION



For further support,  
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