

# BMPPro<sup>TM</sup>-F

Serum free media for Antibody,  
Recombinant protein and Vaccine production



Suspended  
293 cells

- ☐ Serum free medium for 293 cells in suspension culture
- ☐ Optimized for transient expression of foreign genes for recombinant protein production
- ☐ Hydrolysates free. Low protein contents

# BMPro-F™

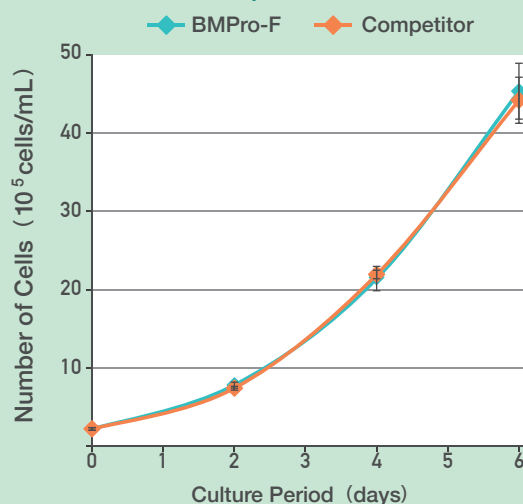
BMPro-F is a serum-free complete medium tailored to 293 cells in suspension culture, specifically designed for antibody, vaccine, and recombinant protein production.

- Validated for high ability to express foreign genes. (Fig.2)
- Low protein (recombinant) contents
- Enriched with L-alanyl-L-glutamine and free of Phenol red.



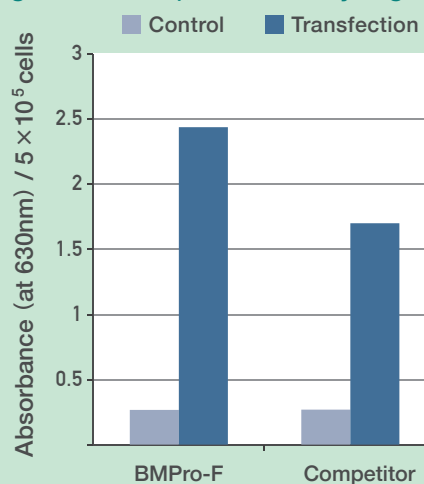
## Proliferation of 293 cells and ability of foreign gene expression

Fig.1 Proliferation of 293 cells in suspension culture



- Seeding density :  $2 \times 10^5$  cells/mL
- Suspension culture: 30mL in 125mL Erlenmeyer flask
- Agitation (125 rpm)

Fig.2 Expression of foreign gene (beta-galactosidase), evaluated by X-gal staining



- Transfection Reagent: NeoFection-293
- Transfected gene: pCMFlag\_lacZ
- X-gal was used for  $\beta$ -galactosidase detection.

Code (CSTI / NIPRO)	Product Name	Description	Volume
A3600P10C / 87-127	BMPro-F Medium	Serum free media for antibody, vaccine and recombinant protein production (Optimized for 293 cells in suspension culture system) Contains L-Alanyl-L-glutamine. Phenol red free	1000mL (P)

(P) PET bottle

※This product is for research use only. It cannot be used for therapeutic or diagnostic purpose.