

Data Sheet.

NAME :	CHO-SIV _{MAC} 239 gp130 Clone 3
REPOSITORY REFERENCE :	ARP285
CELL TYPE :	Transformed CHO <i>dhfr</i> -Dg44 cells. Morphology is adherent spindly-shaped fibroblasts, similar to parent cells line.
PROPAGATION MEDIUM :	DMEM 90%, Dialysed foetal bovine serum 10% supplemented with 150 µg/ml proline.
FREEZE MEDIUM :	Foetal bovine serum 90% DMSO 10%
GROWTH CHARACTERISTICS :	Cells grow as a monolayer and tend to form whorls at high confluency. They are proline auxotrophs. This clone was originally selected in 10% dialysed foetal bovine serum, and must be maintained in Dialysed FBS to maintain selection (growth in FBS may result in loss of expression).
SPECIAL CHARACTERISTICS : cellline	This cell line secretes SIV _{MAC} 239 gp130. The parent was co-transfected with an expression plasmid containing an <i>ad/dhfr</i> gene, and a plasmid containing the SIVgp130 gene under control of the human CMV 1E-1 promoter. Clones were screened using a specific gp130 antigen capture. The product was further characterised by RIPA using serum from SIV _{MAC} 251 and SIV _{SM} E660-infected macaques. SIV gp130 has been purified from this cell line following the procedure outlined in Planelles et al., and has been shown to have the expected amino acid composition, molecular weight, and immunoreactivity of viral gp130.
ELISA.	

PROVIDED : 6 x 10⁶ cells / vial.

RECOMMENDED STORAGE : Liquid Nitrogen.

SOURCE : Dr Nancy Haigwood and Ms Margarita Quiroga.
Developed at Chiron Corporation.

REFERENCE : Haigwood et al (1992) J Med Primatol 21: 82-90.
Giavedoni et al (1993), J Virol 67 : 577-583
Planelles et al (1991) AIDS Res Hum Retroviruses 7: 889-896.

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Please also ensure that you send us a copy of any papers resulting from work using reagents acquired through CFAR (this can be electronically or as a paper copy)

NOTE : Commercial requests should be directed to Ms Margerita Quiroga, Chiron Corporation, 4560 Horton street, emeryville, CA 94608 Tel:510-601-6918
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