



## Sf-RVN® Insect Cell Line

A rhabdovirus-free cell line improving the safety profile of bioprocesses

### Product Description

The Sf-RVN® Insect Cell Line is a rhabdovirus-negative Sf9 cell line that can be grown in both adherent and suspension culture. Sf-RVN® Insect Cell Line has been adapted for growth in chemically defined medium to be used for the production of recombinant proteins, adeno-associated viruses (AAV) and viral-like particles (VLP). The cell line was tested for adventitious agents and banked under GMP conditions. A technical user guide, with detailed protocols for optimal performances, is provided with the cell line. The EX-CELL® CD Insect Cell Medium, recommended for use, is optimized to get excellent growth and productivity of the Sf-RVN® Insect Cell Line. Combined, these two products form the Sf-RVN® Platform.

### Cell Line Origin

Sf-RVN® is an insect cell line originally derived from ovarian tissue of *Spodoptera frugiperda* (*Sf*) pupae. The parental line, IPLB-SF-21 (renamed IPLB-SF-21 AE after adaptation into TC-100 medium), was established by J. Vaughn at the Insect Pathology Beltsville in Maryland, USA in the late 1960's. A subclone, designated Sf9, was established in 1983 by G. Smith and C. Cherry. Sf-RVN® was isolated from Sf9 by GlycoBac, LLC.

### Legal Information

The Sf-RVN® Insect Cell Line is sold for research use only. A license agreement must be acquired prior to use of the cell line or any products derived from the cell line in a clinical or commercial process. Please contact your local sales representative for more details.

### Product Components

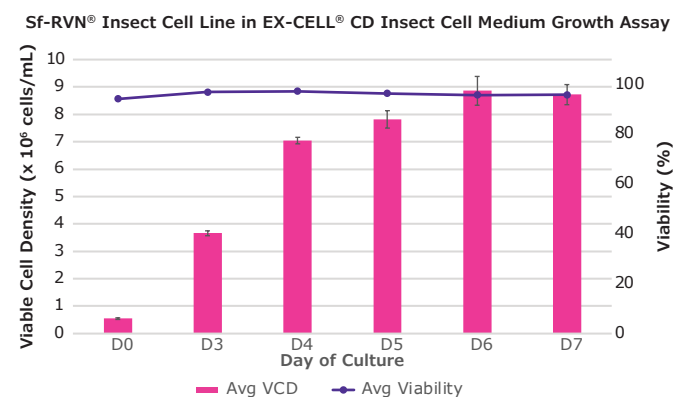
Sf-RVN® cells are provided to customers in vials containing 1 mL at  $10 \times 10^6$  cells/mL. Cells are banked in EX-CELL® CD Insect Cell Medium and 10% DMSO.

### Features and Benefits

- Rhabdovirus-negative cell line: Enhanced risk mitigation and biosafety profile
- Adventitious agent tested and GMP banked in EX-CELL® CD Insect Cell Medium
- Full traceability and documentation available for regulatory filings
- EX-CELL® CD Insect Cell Medium: A chemically defined medium optimized to get excellent growth and productivity of the cell line
- Technical user guide with detailed protocols for optimal performances

### Sf-RVN® Insect Cell Line Growth

Typical Sf-RVN® culture viabilities are high nineties (95-98%) when cultivated in the EX-CELL® CD Insect Cell Medium with passaging every 3-4 days. A seven day growth assay performed on the cells in duplicate showed day 7 cell densities at  $8 \times 10^6$  cells/mL.



## Ordering Information

Product	Cat. No.
<b>Sf-RVN® Insect Cell line</b>	
Sf-RVN® Insect Cell line - 1 Vial	<b>SFRVN-1VL</b>
<b>Related Product</b>	
EX-CELL® CD Insect Cell Medium - Dry Powder	<b>24381C</b>
EX-CELL® CD Insect Cell Medium - Liquid	<b>14380C</b>
Escort™ IV Transfection Reagent	<b>L3287</b>
SyntheChol® NS0 Supplement	<b>S5442</b>

## BioReliance® Biosafety Services

Contact [MerckMillipore.com](https://www.merckmillipore.com) for additional GMP testing and banking services.

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## To place an order or receive technical assistance

In APAC, please call Customer Service or mail to marketing communications.

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Indonesia: +62 0800 140 1253	Malaysia : +60 1800 806 961
India : +91 22 6257 0900	Taiwan : +886 2 2162 1111
Japan : +81-3-4531-1143	Thailand : +66 2667 8346
S. Korea : +82-2-2185-17	Vietnam : +84 28 3842 0100

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