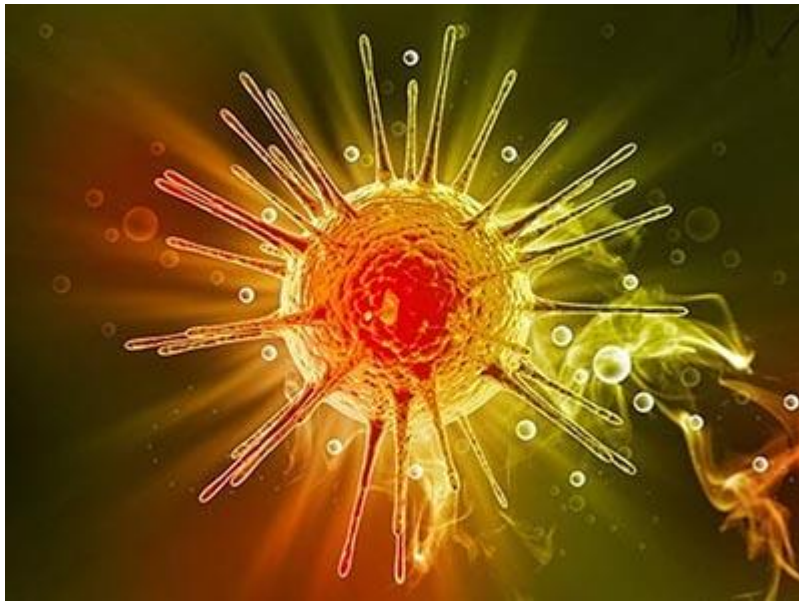


## *. Virus-based tools for Cell Engineering*

AMSBIO has added a new range of Vesicular Stomatitis Virus (VSV) to its suite of virus-based tools for cell engineering and the study of viral infection.



### **Vesicular Stomatitis Virus**

is an enveloped, negative-stranded RNA virus with a simple structure. Its ability to infect a wide range of mammalian cell types has made it a valuable tool to study virus entry, replication, and assembly. A key advantage of the AMSBIO VSV model is that it undergoes only one round of replication. Consequently, it is safe to use and requires only a biosafety level 2 facility.

### **VSV vectors**

offer a robust model of viral infection that can be efficiently pseudo typed with envelope glycoproteins derived from heterologous viruses, making them highly suitable for studying the entry mechanisms of such high-risk viruses.

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Drawing upon proprietary technologies and reagents, recombinant VSV vectors from AMSBIO benefit from top quality production protocols that deliver products unmatched in terms in terms of titer, purity, viability and consistency.

### **Recombinant VSV vectors**

from AMSBIO are the viral product of choice for a growing variety of applications including studying mechanisms of viral entry into host cells, identification of cellular receptors used by viruses for cell entry, screening of viral entry inhibitors and vaccine development research.

### **For further information**

on recombinant VSV vectors please visit <https://www.amsbio.com/vsv-tools/> and <https://www.amsbio.com/vsv-packaging/> or contact AMSBIO on +31-72-8080244 / +44-1235-828200 / +1-617-945-5033 / [info@amsbio.com](mailto:info@amsbio.com).

### **Life science specialists -**

**AMSBIO offer a suite of high-performance virus-based products including Lentivirus, Adeno-Associated Virus (AAV), and Vesicular Stomatitis Virus (VSV).** This suite of ready-to-use viral reagents addresses a wide span of research areas including virology (Coronavirus), immunotherapy, CAR-T therapy, CRISPR, cell signaling, and much more.

### **AMS Biotechnology (AMSBIO)**

Founded in 1987, AMS Biotechnology (AMSBIO) is recognized today as a leading transatlantic company contributing to the acceleration of discovery through the provision of cutting-edge life science technology, products and services for research and development in the medical, nutrition, cosmetics, and energy industries. AMSBIO has in-depth expertise in extracellular matrices to provide elegant solutions for studying cell motility, migration, invasion, and proliferation. This expertise in cell culture and the ECM allows AMSBIO to partner with clients in tailoring cell systems to enhance organoid and spheroid screening outcomes using a variety of 3D culture systems, including organ-on-a-chip microfluidics. For drug discovery research, AMSBIO offers assays, recombinant proteins, and cell lines. Drawing upon a huge and comprehensive biorepository, AMSBIO is widely recognized as a leading provider of high-quality tissue specimens (including custom procurement) from both human and animal tissues. The company provides unique clinical grade products for stem cell and cell therapy applications. This includes GMP cryopreservation technology, and high-quality solutions for viral delivery.

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