

Recombinant Usutu Virus NS1 Protein, His-tagged

Cat. No. USU-607 **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Usutu virus NS1 protein 1 (Non-Structural 1) has been manufactured in response to the unmet need for highly purified, concentrated protein for use in serological based diagnostic assays. Usutu virus NS1 protein is engineered in human cells using state-of-the-art expression and purification techniques.
Tag	His
Background	Usutu virus is an emerging disease that is spread by Culex mosquitoes to wild birds (Blackbird pictured above) or bats which act as amplifying hosts, and to humans which act as accidental or dead-end hosts. The virus was first described in 1959 in South Africa, and has spread to Europe in or before 1996. In 2009 the first case of neuroinvasive Usutu virus infection was described in a 60-year old woman in Italy. More neuroinvasive infections caused by Usutu virus were described in a Croatian study in 2013. There is no vaccine or specific treatment available for Usutu virus. Usutu virus NS1 protein has been produced to the same standards as other NS1 proteins, and is presented as a highly purified liquid protein.
Purity	>95% pure by SDS-PAGE
Sequence Strain	Vienna 2001
Formulation	DPBS pH 7.4
Freezing	Can be frozen

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Storage	Short Term Storage: +4 centigrade Long Term Storage: -80 centigrade Multiple freeze/thaw cycles are to be avoided.
Notes	This product is intended for research and manufacturing uses only. It is not a diagnostic device. The user assumes all responsibility for care, custody and control of the material, including its disposal, in accordance with all regulations.
Type	Recombinant
ClassID 1	Infectious Disease
GENE INFORMATION	
Synonyms	Usutu Virus NS1

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