



Recombinant strain CFI/68 FIV ORF2 Protein Product Manual

1. Product Basic Information

Product No.: REP07702

Protein Name: Sex Lethal (ORF2)

Aliases: Sex lethal

UniProt ID: Q68985

UniProt Link: <https://www.uniprot.org/uniprotkb/Q68985/entry>

Species Source: Feline calicivirus (strain CFI/68 FIV) (FCV)

Expression System: E.coli

Protein Length: Partial (112-395aa)

Molecular Weight: 38.2 kDa

Protein Tag: C-terminal 6xHis-tagged

2. Amino Acid Sequence (112-395aa)

EGWDPNLPLFRLEADDGSITTPEQGTMOVGGVIAEPNAQMSTAADMATGKSVDSEW
EAFFSFHTSVNWSTSETQGKILFKQSLGPLLNPLYLTHLAKLYVAWSGSVDVRFISG
SGVFSGKLAIVVPPGIDPVQSTSMQLQYPHVLFDARQVEPVIFSIPDLRSTLYHLMSD
TDTTSLVIMVYNDLINPYANDSNSSGCVTVETKPGPDFKFHLLKPPGSMLTHGSIPS
DLIPKSSSLWIGNRFWSDITDFVIRPFVFQANRHFDFNQETAGWSTPRFRPITITI

3. Storage Buffer

Liquid Delivery Form: Tris/PBS-based buffer with 5%-50% glycerol. Custom glycerol content is available upon customer request (please specify requirements when placing orders).

Lyophilized Powder Delivery Form: Pre-lyophilization buffer is Tris/PBS-based buffer containing 6% Trehalose.

4. Storage Conditions

Upon receipt, store the product at -20°C or -80°C. It is recommended to aliquot the protein for multiple uses to avoid repeated freeze-thaw cycles, which may cause

5. Product Description

This product is a recombinant strain CFI/68 FIV ORF2 partial protein (112-395aa) expressed in E.coli. The protein is with 6xHis tag at the C-terminus, which facilitates protein purification, detection and identification. ORF2, also known as Sex lethal, is suitable for related in vitro functional assays, protein interaction studies, antibody preparation and other biomedical research applications.

6. Notes

- Repeated freezing and thawing of the product is strictly prohibited to ensure protein stability and biological activity.
- For special buffer component requirements, please submit a note when purchasing.
- This product is only for scientific research use, not for clinical diagnosis, treatment or commercial production purposes.