

Recombinant strain Western Reserve VACWR062 Protein Product Manual

1. Product Basic Information

Product No.: REP08624

Protein Name: E6Rprotein E6 (VACWR062)

Aliases: VACWR062; E6RProtein E6

UniProt ID: P21607

UniProt Link: <https://www.uniprot.org/uniprotkb/P21607/entry>

Species Source: Vaccinia virus (strain Western Reserve) (VACV) (Vaccinia virus (strain WR))

Expression System: E.coli

Protein Length: Full Length (1-567aa)

Molecular Weight: 82.7kDa

Protein Tag: N-terminal 6xHis-SUMO-tagged

2. Amino Acid Sequence (1-567aa)

MDFIRRKLYLIYTVENNIDFLKDDTLKVNFTLNHVLALKYLVSNFPQHVITKDVLAN
NFFVFIHMVRCCKVYEAVLRHAFDAPPLYVKALTKNYLSFSNTIQSYKETVHKLTQD
EKFLEVAKYMDDELGELIGVNYDLVLNPLFHGGPEIKDMEIIFLKLKFKTDFKVVKKLSV
IRLLIWAYLSKKDTGIEFADNDRQDIYTLFQQTGRIVHSNLTETFRDYIFPGDKTSYW
VWLNESIANDADIVLNRHAITMYDKILSYIYSEIKQGRVKNMMLKLVYIFEPEKDIRELL
LEIYDIPGDILSIIDAKNDDWKKYFISFYKANFINGNTFISDRTFNEDLFRVVVQIDPEY
FDNERIMSLFSTSAADIKRFDELINNSYISNIIEVNDITLDTMDDMKKQIFNEDTSY
YVKEYNTYLFLHESDPMVIENGILKKLSSIKSKSRRLNLFKSKNILKYYLDGQLARLGLV
LDDYKGDLLVKMINHLKSVEDVSAFVRFSTDKNPSILPSLIKILASYNISIIVLFQRFLR
DNLYHVEEFLDKSIHLTKTDKKYILQLIRHGRS

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)



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 protein denaturation and activity loss.

5. Product Description

This product is a recombinant strain Western Reserve VACWR062 full length protein (1-567aa) expressed in E.coli. The protein is with 6xHis-SUMO tag at the N-terminus, which facilitates protein purification, detection and identification. VACWR062, also known as VACWR062 or E6RProtein E6, 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.