

Recombinant strain CMCP6 vvhA Protein Product Manual

1. Product Basic Information

Product No.: REP08648

Protein Name: vvhA

Aliases: vvhA; VV2_0404; Cytolysin

UniProt ID: P19247

UniProt Link: <https://www.uniprot.org/uniprotkb/P19247/entry>

Species Source: Vibrio vulnificus (strain CMCP6)

Expression System: E.coli

Protein Length: Full Length of Mature Protein (21-471aa)

Molecular Weight: 55.8 kDa

Protein Tag: N-terminal 10xHis-tagged and C-terminal Myc-tagged

2. Amino Acid Sequence (21-471aa)

QEYVPIVEKPIYITSSKIKCVLHTSGDFNATRDWCNAGASIDVRVNVAQMRSVQSAT
SDGFTPDAKIVRFTVDADKPGTGIHLVNELQQDHSWFQSWANRRTYIGPFASSYDL
WVKPVSQYTPKKARDLPQENENKYNQHRDYGYSIGINGKVGAEVKNKDGPKVGGEV
SGSFTYNYSKTLVFDTKDYRINNRSLSDFDISFEREFGECEDELRRQELGCYFTAAH
WGSGWVFDKTKFNPISYSNFKPNYDVLVEAPVSETGVTDFEMGVKLNRYRARGTV
LPSALFSVYGSAGSSTNSSTVKQRIRIDWNHPLFEAEAHVTLQSLSNNDLCLDVYGE
NGDKTVAGGSVNGWSCHGSGWNQVWGLDKEERYRSRVASDRCLTVNADKTLTVE
QCGANLAQKWYWEGDKLISRYVDGNTRYLLNIVGGRNVQVTPENEANQARWKP
TLQQVKL

3. Storage Buffer

Liquid Delivery Form: Tris-based buffer with 50% glycerol.

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

4. Storage Conditions



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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 CMCP6 vvhA full length of mature protein protein (21-471aa) expressed in E.coli. The protein is dual-tagged with 10xHis tag at the N-terminus and Myc tag at the C-terminus, which facilitates protein purification, detection and identification. vvhA, also known as vvhA or VV2_0404 or Cytolysin, 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.