



Recombinant strain CFT073 / ATCC 700928 / UPEC ompR Protein Product Manual

1. Product Basic Information

Product No.: REP07691

Protein Name: Dna-Binding Transcriptional Dual Regulator Ompr (ompR)

Aliases: DNA-binding transcriptional dual regulator OmpR

UniProt ID: P0AA17

UniProt Link: <https://www.uniprot.org/uniprotkb/P0AA17/entry>

Species Source: Escherichia coli O6:H1 (strain CFT073 / ATCC 700928 / UPEC)

Expression System: E.coli

Protein Length: Full Length (1-239aa)

Molecular Weight: 37.1 kDa

Protein Tag: C-terminal 10xHis-tagged

2. Amino Acid Sequence (1-239aa)

MQENYKILVVDDDMRLRALLERYLTEQGFQVRSVANAEQMDRLLTRESFHLMVLDL
MLPGEDGLSICRRLRSQSNPMPIIMVTAKGEEVDRIVGLEIGADDYIPKPFNPPELLA
RIRAVLRRQANELPGAPSQEEAVIAFGKFKLNLGTREMFREDEPMPLTSGEFAVLKA
LVSHPREPLSRDKLMNLARGREYSAMERSIDVQISRLRRMVEEDPAHPRIYIQTVWG
LGYVFVPDGSKA

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 protein denaturation and activity loss.

5. Product Description

This product is a recombinant strain CFT073 / ATCC 700928 / UPEC ompR full length protein (1-239aa) expressed in E.coli. The protein is with 10xHis tag at the C-terminus, which facilitates protein purification, detection and identification. ompR, also known as DNA-binding transcriptional dual regulator OmpR, 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.