



Recombinant Escherichia coli ecoRVM Protein Product Manual

1. Product Basic Information

Product No.: REP06743

Protein Name: D12 Class N6 Adenine-Specific Dna Methyltransferase (ecoRVM)

Aliases: D12 class N6 adenine-specific DNA methyltransferase

UniProt ID: P04393

UniProt Link: <https://www.uniprot.org/uniprotkb/P04393/entry>

Species Source: Escherichia coli

Expression System: E.coli

Protein Length: Full Length (1-298aa)

Molecular Weight: 50.6 kDa

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

2. Amino Acid Sequence (1-298aa)

MKDKVFVPPPIKSQGIKTKLVPCIKRIVPKNFNGVWVEPFMGTGVVAFNVAPKDALLC
DTNPHLISFYNA LKNKDITGDLVKDFLYREGEKLLLSNGEYYYEVRRERFN NYKEPLD
FLFLNRSCFNGMIRFNSKGGFNVPFCKKPNRFAQAYITKISNQVDRISEIISKGN YTFL
CQSFEKTIGMVNRDDVVYCDPPYIGRHVDYFNSWGERDERLLFETLSSLNATFITST
WHHNDYRE NKYVRDLWSSFRILTKEHFYHVGASEKNRSPMVEALITNIAKDIIDHIEK
SSGDILVIEE

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

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 Escherichia coli ecoRVM full length protein (1-298aa) expressed in E.coli. The protein is with 6xHis-SUMO tag at the N-terminus, which facilitates protein purification, detection and identification. ecoRVM, also known as D12 class N6 adenine-specific DNA methyltransferase, 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.