

Recombinant *Escherichia coli* tetR Protein Product Manual

1. Product Basic Information

Product No.: REP08424

Protein Name: Ethylene Receptor Nr (tetR)

Aliases: ethylene receptor NR

UniProt ID: P04483

UniProt Link: <https://www.uniprot.org/uniprotkb/P04483/entry>

Species Source: *Escherichia coli*

Expression System: *E. coli*

Protein Length: Full Length (1-207aa)

Molecular Weight: 23.4 kDa

Protein Tag: Tag-Free

2. Amino Acid Sequence (1-207aa)

MSRLDKSKVINSALELLNEVGIEGLTTRKLAQKLGVEQPTLYWHVKNKRALLDALAIE
MLDRHHTHFCPLEGESWQDFLRNNAKSFRCALLSHRDGAKVHLGTRPTEKQYETL
ENQLAFLCQQGFSLLENALYALSAVGHFTLGCVLEDQEHQVAKEERETPTTDSMPPL
LRQAIELFDHQGAEPFLFGLELIICGLEKQLKCESGS

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 Escherichia coli tetR full length protein (1-207aa) expressed in E.coli. The protein is tag-free. tetR, also known as ethylene receptor NR, 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.