



Recombinant strain K12 ompF Protein Product Manual

1. Product Basic Information

Product No.: REP07689

Protein Name: Outer Membrane Porin F (ompF)

Aliases: outer membrane porin F

UniProt ID: P02931

UniProt Link: <https://www.uniprot.org/uniprotkb/P02931/entry>

Species Source: Escherichia coli (strain K12)

Expression System: E.coli

Protein Length: Full Length of Mature Protein (23-362aa)

Molecular Weight: 44.5 kDa

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

2. Amino Acid Sequence (23-362aa)

AEIYNKDGKVDLYGKAVGLHYFSKGNGENSYGGNGDMTYARLGFKGETQINSDL
TGYGQWEYNFQGNNSEGADAQTGNKTRLAFAGLKYADVGSFDYGRNYGVVYDAL
GYTDMLEPFGGDTAYSDDFFVGRVGGVATYRNSNFFGLVDGLNFAVQYLGKNERD
TARRSNGDGVGGSISYEYEGFGIVGAYGAADRTNLQEAQPLGNGKKAQEWATGLK
YDANNIYLAANYGETRNATPITNKTNTSGFANKTQDVLLVAQYQDFGLRPSIAYT
KSKAKDVEGIGDVDLVNYFEVGATYYFNKNMSTYVDYIINQIDSDNKLGVGSDDTVA
VGIVYQF

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

5. Product Description

This product is a recombinant strain K12 ompF full length of mature protein protein (23-362aa) 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. ompF, also known as outer membrane porin F, 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.