



Recombinant Human ATP5O Protein Product Manual

1. Product Basic Information

Product No.: REP06219

Protein Name: Atp Synthase O Subunit Mitochondrial Precursor (ATP5O)

Aliases: ATP synthase O subunit mitochondrial precursor; ATP synthase subunit O; ATP syntha

UniProt ID: P48047

UniProt Link: <https://www.uniprot.org/uniprotkb/P48047/entry>

Species Source: Homo sapiens (Human)

Expression System: E.coli

Protein Length: Full Length of Mature Protein (24-213aa)

Molecular Weight: 47.9kDa

Protein Tag: N-terminal GST-tagged

2. Amino Acid Sequence (24-213aa)

FAKLVRPPVQVYGIEGRYATALYSAASKQNKLEQVEKELLRVAQILKEPKVAASVLN
PYVKRSIKVKSLNDITAKERFSPLTTNLINLLAENGRLSNTQGVVSAFSTMMMSVHRG
EVPCTVTSASPLEEATLSELKTVLKSFLSQGQVLKLEAKTDPSILGGMIVRIGEKYVD
MSVKTKIQKLGRAMREIV

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



5. Product Description

This product is a recombinant Human ATP5O full length of mature protein protein (24-213aa) expressed in E.coli. The protein is with GST tag at the N-terminus, which facilitates protein purification, detection and identification. ATP5O, also known as ATP synthase O subunit mitochondrial precursor or ATP synthase subunit O or ATP syntha, 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.