



Recombinant Human FOXO3 Protein Product Manual

1. Product Basic Information

Product No.: REP06923

Protein Name: Forkhead Box O3 (FOXO3)

Aliases: FOXO2; AF6q21; FKHL1; FOXO3A; FOXO3A-; FKHL1P2; forkhead box O3; forkhead box O3A; forkhead box protein O3

UniProt ID: O43524

UniProt Link: <https://www.uniprot.org/uniprotkb/O43524/entry>

Species Source: Homo sapiens (Human)

Expression System: E.coli

Protein Length: Partial (372-673aa)

Molecular Weight: 48.1 kDa

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

2. Amino Acid Sequence (372-673aa)

MAGTMNLNDGLTENLMDDLLDNITLPPSQPSPTGGLMQRSSSFYTTKGSGLGSP
TSSFNSTVFGPSSLNSLRQSPMQTIQENKPATFSSMSHYGNQTLQDLLTSDLSHS
DVMMTQSDPLMSQASTAVSAQNSRRNVMLRNDPMMMSFAAQPNGGSLVNQNLH
HQHQTQGALGGSRALNSVSNMGLSESSSLGSAKHQQQSPVSQSMQTLSDSLSG
SSLYSTSANLPVMGHEKFPDLDLDMFNGSLECDMESIIRSELMDADGLDFNFDSL
STQNVVGLNVGNFTGAKQASSQSWVPG

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 Human FOXO3 partial protein (372-673aa) expressed in E.coli. The protein is with 6xHis-SUMO tag at the N-terminus, which facilitates protein purification, detection and identification. FOXO3, also known as FOXO2 or AF6q21 or FKHRL1, 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.