



Recombinant Human DUX4 Protein Product Manual

1. Product Basic Information

Product No.: REP06729

Protein Name: Double Homeobox Double Homeobox Protein Double Homeobox Protein 10 (DUX4)

Aliases: double homeobox double homeobox protein double homeobox protein 10; double homeobox protein 4/10

UniProt ID: Q9UBX2

UniProt Link: <https://www.uniprot.org/uniprotkb/Q9UBX2/entry>

Species Source: Homo sapiens (Human)

Expression System: E.coli

Protein Length: partial (327-424aa)

Molecular Weight: 14.3 kDa

Protein Tag: N-terminal 6xHis-tagged

2. Amino Acid Sequence (327-424aa)

AGAAPPPQPAPPDASASARQGQMKGIPAPSQALQEPAPWSALPCGLLLDELLASP
EFLQQAQPLLETEAPGELEASEEEAASLEAPLSEEEYRALLEEL

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 Human DUX4 partial protein (327-424aa) expressed in E.coli. The protein is with 6xHis tag at the N-terminus, which facilitates protein purification, detection and identification. DUX4, also known as double homeobox double homeobox protein double homeobox protein 10 or double homeobox protein 4/10, 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.