

## Recombinant Human DUX4 protein, His-tagged

**Cat. No.** DUX4-5857H    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                                                                |
|-------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Human DUX4 protein(Q9UBX2)(327-424aa), fused to N-terminal His tag, was expressed in E. coli.                                                                                                                                                      |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                          |
| <b>Source</b>           | E.coli                                                                                                                                                                                                                                                         |
| <b>ProteinLength</b>    | 327-424aa                                                                                                                                                                                                                                                      |
| <b>Form</b>             | If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.                             |
| <b>Molecular Mass</b>   | 14.3 kDa                                                                                                                                                                                                                                                       |
| <b>Purity</b>           | Greater than 85% as determined by SDS-PAGE.                                                                                                                                                                                                                    |
| <b>Storage</b>          | Store at -20°C/-157°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.                                                                                                                                                |
| <b>Reconstitution</b>   | Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 127%. |

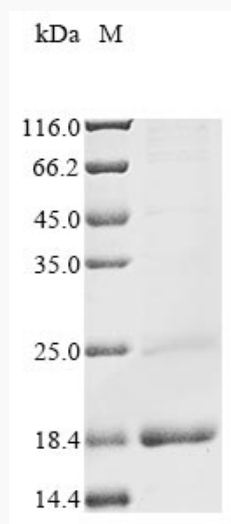
### GENE INFORMATION

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|                        |                                                                                                                                                     |
|------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Gene Name</b>       | DUX4 double homeobox 4 [ Homo sapiens ]                                                                                                             |
| <b>Official Symbol</b> | DUX4                                                                                                                                                |
| <b>Synonyms</b>        | DUX4; double homeobox 4; double homeobox protein 4; double homeobox protein 10; double homeobox protein 4/10; double homeobox protein DUX10; DUX10; |
| <b>Gene ID</b>         | 22947                                                                                                                                               |
| <b>mRNA Refseq</b>     | NM_033178                                                                                                                                           |
| <b>Protein Refseq</b>  | NP_149418                                                                                                                                           |
| <b>MIM</b>             | 606009                                                                                                                                              |
| <b>UniProt ID</b>      | Q9UBX2                                                                                                                                              |

**SDS-PAGE**


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