

# Recombinant Full Length Human DUX3 Protein, GST-tagged

**Cat. No.** DUX3-4131HF    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                |
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| <b>Product Overview</b> | Human DUX3 full-length ORF ( NP_036280.1, 1 a.a. - 170 a.a.) recombinant protein with GST-tag at N-terminal.                                                                                                                                                                                   |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                          |
| <b>Source</b>           | In Vitro Cell Free System                                                                                                                                                                                                                                                                      |
| <b>ProteinLength</b>    | 170 amino acids                                                                                                                                                                                                                                                                                |
| <b>Description</b>      | The human genome contains hundreds of repeats of the 3.3-kb family in regions associated with heterochromatin. The DUX gene family, including DUX3, resides within these 3.3-kb repeated elements (Beckers et al., 2001 [PubMed 11245978]). See DUX4 (MIM 606009).[supplied by OMIM, Mar 2008] |
| <b>Molecular Mass</b>   | 45.8 kDa                                                                                                                                                                                                                                                                                       |
| <b>AA Sequence</b>      | MALLTALDDTLPEEAQGPGRRMILLSTPSQSDALRACFERNLYPGIATKEQLAQGIDI<br>PEPRVQIWFQNERSCQLRQHRRQSRPWPGRRDPQKGRRKRTAITGSQTALLLRAF<br>EKDRFPGIPAREELARETGLPESRIQLWFQNRARRHWGQSGRAPTQASIRCNAAPI<br>G                                                                                                         |
| <b>Applications</b>     | Enzyme-linked Immunoabsorbent Assay<br>Western Blot (Recombinant protein)<br>Antibody Production<br>Protein Array                                                                                                                                                                              |

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|------------------|--------------------------------------------------------------------------------|
| Notes            | Best use within three months from the date of receipt of this protein.         |
| Storage          | Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.       |
| Storage Buffer   | 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.       |
| GENE INFORMATION |                                                                                |
| Gene Name        | DUX3 double homeobox 3 [ Homo sapiens (human) ]                                |
| Official Symbol  | DUX3                                                                           |
| Synonyms         | DUX3; double homeobox 3; Double Homeobox 3; putative double homeobox protein 3 |
| Gene ID          | 26582                                                                          |
| MIM              | 611443                                                                         |
| UniProt ID       | Q96PT4                                                                         |