

Datasheet for ABIN5441655

Human DUX1 ORF Clone in Mammalian Expression Vector (Myc-DYKDDDDK Tag)

Overview

| | |
|--------------|-----------------------------|
| Quantity: | 10 µg |
| Gene: | DUX1 |
| Species: | Human |
| Fusion tag: | Myc-DYKDDDDK Tag |
| Insert: | ORF |
| Vector: | Mammalian Expression Vector |
| Application: | Protein Expression (PEXP) |

Product Details

| | |
|-----------------------|--|
| Purpose: | Mammalian Vector with ORF clone of Human double homeobox 1 (DUX1) |
| Brand: | TrueORF |
| Insert Length: | 513 bp |
| Vector Backbone: | pCMV6-Entry |
| Promoter: | CMV Promoter |
| Bacterial Resistance: | Kanamycin |
| Expression Type: | Transient |
| Specificity: | Restriction Site: Sgfl-Mlul |
| Sequencing Primer: | VP1.5 (forward) 5'GGACTTCCAAAATGTCTG 3', XL39 (reverse) 5'ATTAGGACAAGGCTGGTGGG 3' |
| Grade: | End-sequenced |
| Components: | The ORF clone is ion-exchange column purified, transfection-ready dried plasmid DNA, and shipped with 2 vector sequencing primers. |

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Target Details

Gene: DUX1

Abstract: [DUX1 Products](#)

Background: The human genome contains hundreds of repeats of the 3.3-kb family in regions associated with heterochromatin. The DUX gene family, including DUX1, resides within these 3.3-kb repeated elements (Beckers et al., 2001 [PubMed 11245978]). See DUX4 (MIM 606009).[supplied by OMIM, Mar 2008].

NCBI Accession: [NM_012146](#), [NP_036278](#)

Application Details

Restrictions: For Research Use only

Handling

Format: Lyophilized

Storage: 4 °C/-20 °C

Publications

Product cited in: Johnson, Drugan, Miller, Evans: "38" in: , Vol. 1363, Issue Nucleic acids research, pp. 28-39, (1991)