

Datasheet for ABIN5477825

Human UBE2NL ORF Clone in Mammalian Expression Vector (Myc-DYKDDDDK Tag)

Overview

Quantity:	10 µg
Gene:	UBE2NL
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 ubiquitin-conjugating enzyme E2N-like (UBE2NL)
Brand:	TrueORF
Insert Length:	462 bp
Vector Backbone:	pCMV6-Entry
Promoter:	CMV Promoter
Bacterial Resistance:	Kanamycin
Expression Type:	Transient
Specificity:	Restriction Site: SgfI-MluI
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: UBE2NL

Abstract: [UBE2NL Products](#)

Background: This gene is intronless and encodes a member of the ubiquitin-conjugating enzyme family. The protein product is 91 % identical to ubiquitin-conjugating enzyme E2N, a multi-exon gene product. This locus represents a polymorphic pseudogene, where some individuals contain an allele that can encode a full-length protein, while others have a non-functional allele containing a premature stop codon (reference SNP rs237520) that truncates the coding sequence.

NCBI Accession: [NM_001012989](#), [NP_001013007](#)

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)