

Datasheet for ABIN5327645

Human NDUFC2-KCTD14 ORF Clone in Mammalian Expression Vector

Overview

Quantity:	10 µg
Gene:	NDUFC2-KCTD14
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 NDUFC2-KCTD14 readthrough (NDUFC2-KCTD14) transcript variant 2
Brand:	TrueORF
Insert Length:	345 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'GGACTTTCAAAATGTTCG 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: NDUFC2-KCTD14

Background: This locus represents naturally occurring read-through transcription between the neighboring NDUFC2 (NADH dehydrogenase (ubiquinone) 1, subcomplex unknown, 2, 14.5 kDa) and KCTD14 (potassium channel tetramerisation domain containing 14) genes on chromosome 11. The read-through transcripts share sequence identity with the upstream gene product and one variant has a frameshifted C-terminal region derived from the downstream gene exons.

NCBI Accession: [NM_001203261](#), [NP_001190190](#)

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)