

Datasheet for ABIN5350079

Human WT1-AS ORF Clone in Mammalian Expression Vector (Myc-DYKDDDDK Tag)

Overview

Quantity:	10 µg
Gene:	WIT1 (WT1-AS)
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 Wilms tumor upstream neighbor 1 (WIT1)
Brand:	TrueORF
Insert Length:	279 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:	WIT1 (WT1-AS)
Alternative Name:	Wilms tumor upstream neighbor 1 (WIT1) (WT1-AS Products)
Background:	This gene is located upstream of the Wilms tumor 1 (WT1) gene, these two genes are bi-directionally transcribed from the same promoter region. This gene is imprinted in kidney, with preferential expression from the paternal allele. Imprinting defects at chromosome 11p13 may contribute to tumorigenesis.
NCBI Accession:	NM_015855 , NP_056939

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)