Datasheet for ABIN5492471

Human RBMY1E ORF Clone in Mammalian Expression Vector (GFP tag)

Overview

Quantity:	10 µg
Gene:	RBMY1E
Species:	Human
Fusion tag:	GFP tag
Insert:	ORF
Vector:	Mammalian Expression Vector
Application:	Protein Expression (PExp)

Product Details

Purpose:	Mammalian Vector with ORF clone of Human RNA binding motif protein, Y-linked, family 1, member E (RBMY1E)
Brand:	TrueORF
Insert Length:	1491 bp
Vector Backbone:	pCMV6-AC-GFP
Promoter:	CMV Promoter
Selectable Marker:	Neomycin
Bacterial Resistance:	Ampicillin
Expression Type:	Stable, Transient
Specificity:	Restriction Site: SgfI-MluI
Grade:	End-sequenced
Components:	The ORF clone is ion-exchange column purified, transfection-ready dried plasmid DNA, and shipped with 2 vector sequencing primers.

Target Details

Gene:	RBMY1E
Background:	This gene encodes a protein containing an RNA-binding motif in the N-terminus and four SRGY (serine, arginine, glycine, tyrosine) boxes in the C-terminus. Multiple copies of this gene are found in the AZFb azoospermia factor region of chromosome Y and the encoded protein is thought to be involved in spermatogenesis. Most copies of this locus are pseudogenes, although six highly similar copies have full-length ORFs and are considered functional. Four functional copies of this gene are found within inverted repeat IR2, two functional copies of this gene are found in palindrome P3, along with two copies of PTPN13-like, Y-linked.
NCBI Accession:	NM_001006118, NP_001006118

Application Details

Application Notes:	Ideal For Tracking the over-expressed protein in tranfected cells
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)