

Product datasheet for RC223492L3

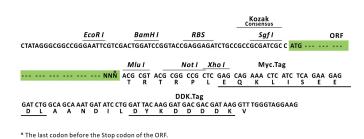
PUF60 (NM_078480) Human Tagged Lenti ORF Clone

Product data:

OriGene Technologies, Inc.

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Product Type:Expression PlasmidsProduct Name:PUF60 (NM_078480) Human Tagged Lenti ORF CloneTag:Myc-DDKSymbol:PUF60	
Tag:Myc-DDK	
Symbol: PUF60	
Synonyms: FIR; RoBPI; SIAHBP1; VRJS	
Mammalian Cell Puromycin Selection:	
Vector: pLenti-C-Myc-DDK-P2A-Puro (PS100092)	
E. coli Selection: Chloramphenicol (34 ug/mL)	
ORF NucleotideThe ORF insert of this clone is exactly the same as(RSequence:	C223492).
Restriction Sites: Sgfl-Mlul	
Cloning Scheme: Cloning sites used for ORF Shuttling: Sgf 1 ORF Mlu 1 [GCG ATC GC]C ATG// NNÑ ACG CGT]	



ACCN: ORF Size: NM_078480 1674 bp



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ORIGENE PUF60	(NM_078480) Human Tagged Lenti ORF Clone – RC223492L3
OTI Disclaimer:	The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. <u>More info</u>
OTI Annotation:	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
Components:	The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).
Reconstitution Method:	 Centrifuge at 5,000xg for 5min. Carefully open the tube and add 100ul of sterile water to dissolve the DNA. Close the tube and incubate for 10 minutes at room temperature. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.
RefSeq:	<u>NM 078480.1</u>
RefSeq Size:	1946 bp
RefSeq ORF:	1680 bp
Locus ID:	22827
UniProt ID:	<u>Q9UHX1</u>
Cytogenetics:	8q24.3
Domains:	RRM, RRM_1
Protein Pathways:	Spliceosome
MW:	59.7 kDa
Gene Summary:	This gene encodes a nucleic acid-binding protein that plays a role in a variety of nuclear processes, including pre-mRNA splicing and transcriptional regulation. The encoded protein forms a complex with the far upstream DNA element (FUSE) and FUSE-binding protein at the myelocytomatosis oncogene (MYC) promoter. This complex represses MYC transcription through the core-TFIIH basal transcription factor. Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene. [provided by RefSeq. Aug 2012]

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