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Product datasheet for RC220864L2V

p73 (TP73) (NM_005427) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	p73 (TP73) (NM_005427) Human Tagged ORF Clone Lentiviral Particle
Symbol:	p73
Synonyms:	P73
Mammalian Cell Selection:	None
Vector:	pLenti-C-mGFP (PS100071)
Tag:	mGFP
ACCN:	NM_005427
ORF Size:	1908 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC220864).
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. More info
OTI Annotation:	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
RefSeq:	NM_005427.1, NP_005418.1
RefSeq Size:	2234 bp
RefSeq ORF:	1911 bp
Locus ID:	7161
UniProt ID:	O15350
Cytogenetics:	1p36.32
Protein Families:	Druggable Genome, Transcription Factors
Protein Pathways:	Neurotrophin signaling pathway, p53 signaling pathway

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MW: 69.4 kDa

Gene Summary: This gene encodes a member of the p53 family of transcription factors involved in cellular responses to stress and development. It maps to a region on chromosome 1p36 that is frequently deleted in neuroblastoma and other tumors, and thought to contain multiple tumor suppressor genes. The demonstration that this gene is monoallelically expressed (likely from the maternal allele), supports the notion that it is a candidate gene for neuroblastoma. Many transcript variants resulting from alternative splicing and/or use of alternate promoters have been found for this gene, but the biological validity and the full-length nature of some variants have not been determined. [provided by RefSeq, Feb 2011]