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Product datasheet for RC210255L3V

HIF3 alpha (HIF3A) (NM_152795) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	HIF3 alpha (HIF3A) (NM_152795) Human Tagged ORF Clone Lentiviral Particle
Symbol:	HIF3 alpha
Synonyms:	bHLHe17; HIF-3A; HIF3-alpha-1; IPAS; MOP7; PASD7
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_152795
ORF Size:	2007 bp
ORF Nucleotide Sequence:	`The ORF insert of this clone is exactly the same as(RC210255).`
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_152795.2
RefSeq Size:	5850 bp
RefSeq ORF:	2010 bp
Locus ID:	64344
UniProt ID:	Q9Y2N7
Cytogenetics:	19q13.32
Domains:	PAS, HLH
Protein Families:	Druggable Genome, Transcription Factors

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MW: 72.3 kDa

Gene Summary: The protein encoded by this gene is the alpha-3 subunit of one of several alpha/beta-subunit heterodimeric transcription factors that regulate many adaptive responses to low oxygen tension (hypoxia). The alpha-3 subunit lacks the transactivation domain found in factors containing either the alpha-1 or alpha-2 subunits. It is thought that factors containing the alpha-3 subunit are negative regulators of hypoxia-inducible gene expression. Multiple alternatively spliced transcript variants have been found for this gene. [provided by RefSeq, Mar 2011]