

Product datasheet for **RC208604L4V**

HIF 2 alpha (EPAS1) (NM_001430) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	HIF 2 alpha (EPAS1) (NM_001430) Human Tagged ORF Clone Lentiviral Particle
Symbol:	HIF 2 alpha
Synonyms:	bHLHe73; ECYT4; HIF2A; HLF; MOP2; PASD2
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_001430
ORF Size:	2610 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC208604).
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_001430.3
RefSeq Size:	5184 bp
RefSeq ORF:	2613 bp
Locus ID:	2034
UniProt ID:	Q99814
Cytogenetics:	2p21
Domains:	PAS, HLH, PAC
Protein Families:	Druggable Genome, Transcription Factors



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Protein Pathways: Pathways in cancer, Renal cell carcinoma

MW: 96.5 kDa

Gene Summary: This gene encodes a transcription factor involved in the induction of genes regulated by oxygen, which is induced as oxygen levels fall. The encoded protein contains a basic-helix-loop-helix domain protein dimerization domain as well as a domain found in proteins in signal transduction pathways which respond to oxygen levels. Mutations in this gene are associated with erythrocytosis familial type 4. [provided by RefSeq, Nov 2009]