

Product datasheet for **RC210107L4V**

HESX1 (NM_003865) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	HESX1 (NM_003865) Human Tagged ORF Clone Lentiviral Particle
Symbol:	HESX1
Synonyms:	ANF; CPHD5; RPX
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_003865
ORF Size:	555 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC210107).
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_003865.1
RefSeq Size:	1182 bp
RefSeq ORF:	558 bp
Locus ID:	8820
UniProt ID:	Q9UBX0
Cytogenetics:	3p14.3
Protein Families:	Druggable Genome, Transcription Factors
MW:	21.4 kDa



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Gene Summary:

This gene encodes a conserved homeobox protein that is a transcriptional repressor in the developing forebrain and pituitary gland. Mutations in this gene are associated with septo-optic dysplasia, HESX1-related growth hormone deficiency, and combined pituitary hormone deficiency. [provided by RefSeq, Jul 2008]