

## Product datasheet for **RC215493L3V**

### NPAS3 (NM\_022123) Human Tagged ORF Clone Lentiviral Particle

#### Product data:

Product Type:	Lentiviral Particles
Product Name:	NPAS3 (NM_022123) Human Tagged ORF Clone Lentiviral Particle
Symbol:	NPAS3
Synonyms:	bHLHe12; MOP6; PASD6
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_022123
ORF Size:	2703 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC215493).
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. <a href="#">More info</a>
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:	<a href="#">NM_022123.2</a>
RefSeq Size:	3428 bp
RefSeq ORF:	2706 bp
Locus ID:	64067
UniProt ID:	<a href="#">Q8IXF0</a>
Cytogenetics:	14q13.1
Domains:	PAS, HLH
Protein Families:	Druggable Genome



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**MW:** 96.8 kDa

**Gene Summary:** This gene encodes a member of the basic helix-loop-helix and PAS domain-containing family of transcription factors. The encoded protein is localized to the nucleus and may regulate genes involved in neurogenesis. Chromosomal abnormalities that affect the coding potential of this gene are associated with schizophrenia and cognitive disability. Alternate splicing results in multiple transcript variants. [provided by RefSeq, Sep 2009]