

Product datasheet for **RC211231L4V**

NPAS4 (NM_178864) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	NPAS4 (NM_178864) Human Tagged ORF Clone Lentiviral Particle
Symbol:	NPAS4
Synonyms:	bHLHe79; Le-PAS; NXF; PASD10
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_178864
ORF Size:	2406 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC211231).
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_178864.2
RefSeq Size:	3302 bp
RefSeq ORF:	2409 bp
Locus ID:	266743
UniProt ID:	Q8IUM7
Cytogenetics:	11q13.2
Protein Families:	Druggable Genome, Transcription Factors
MW:	87.1 kDa



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Gene Summary:

NXF is a member of the basic helix-loop-helix-PER (MIM 602260)-ARNT (MIM 126110)-SIM (see SIM2; MIM 600892) (bHLH-PAS) class of transcriptional regulators, which are involved in a wide range of physiologic and developmental events (Ooe et al., 2004 [PubMed 14701734]). [supplied by OMIM, Mar 2008]