

Product datasheet for **RC219579L4V**

NIRF (UHRF2) (NM_152896) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	NIRF (UHRF2) (NM_152896) Human Tagged ORF Clone Lentiviral Particle
Symbol:	NIRF
Synonyms:	NIRF; RNF107; TDRD23; URF2
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_152896
ORF Size:	2406 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC219579).
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_152896.1
RefSeq Size:	3621 bp
RefSeq ORF:	2409 bp
Locus ID:	115426
UniProt ID:	Q96PU4
Cytogenetics:	9p24.1
Protein Families:	Druggable Genome, Transcription Factors
MW:	89.8 kDa


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Gene Summary:

This gene encodes a nuclear protein which is involved in cell-cycle regulation. The encoded protein is a ubiquitin-ligase capable of ubiquitinating PCNP (PEST-containing nuclear protein), and together they may play a role in tumorigenesis. The encoded protein contains an NIRF_N domain, a PHD finger, a set- and ring-associated (SRA) domain, and a RING finger domain and several of these domains have been shown to be essential for the regulation of cell proliferation. This protein may also have a role in intranuclear degradation of polyglutamine aggregates. Alternative splicing results in multiple transcript variants some of which are non-protein coding. [provided by RefSeq, Feb 2012]