

Product datasheet for **RC230207L4V**

Noradrenaline transporter (SLC6A2) (NM_001172502) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Noradrenaline transporter (SLC6A2) (NM_001172502) Human Tagged ORF Clone Lentiviral Particle
Symbol:	Noradrenaline transporter
Synonyms:	NAT1; NET; NET1; SLC6A5
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_001172502
ORF Size:	1536 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC230207).
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_001172502.1 , NP_001165973.1
RefSeq ORF:	1539 bp
Locus ID:	6530
UniProt ID:	P23975
Cytogenetics:	16q12.2
Protein Families:	Druggable Genome, Transmembrane
MW:	57.8 kDa



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Gene Summary:

This gene encodes a member of the sodium:neurotransmitter symporter family. This member is a multi-pass membrane protein, which is responsible for reuptake of norepinephrine into presynaptic nerve terminals and is a regulator of norepinephrine homeostasis. Mutations in this gene cause orthostatic intolerance, a syndrome characterized by lightheadedness, fatigue, altered mentation and syncope. Alternatively spliced transcript variants encoding different isoforms have been identified in this gene.[provided by RefSeq, Feb 2010]