

Product datasheet for **SC214622**

Noradrenaline transporter (SLC6A2) (NM_001043) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	Noradrenaline transporter (SLC6A2) (NM_001043) Human 3' UTR Clone
Symbol:	Noradrenaline transporter
Synonyms:	NAT1; NET; NET1; SLC6A5
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_001043
Insert Size:	1472 bp



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Insert Sequence: >SC214622 3'UTR clone of NM_001043
The sequence shown below is from the reference sequence of NM_001043. The complete sequence of this clone may contain minor differences, such as SNPs.
Blue=Stop Codon **Red**=Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAGGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
TTCCAGTTGCAACACTGGCTGGCCATCTAGCCTGCCTGGAGGAGAAGGAGGAACCCCATGCCAATGT
CCAGGTCACAGGCATCCGCTGCGCTCCACCTCGGACACCATCTTGGGATTCTCCCTCGAAAGTTGTC
CTTTCTGATCCTCTCTTTTCCCATTTACAAATGATTCGTGACTGTAGTTTTTGTTCACCTTCTGT
GCATCTGGCCTGGGGGTGTTAGCTCAGAGGAGAGGAGCAAAACAGGAAAATGACTTCTGTCTGTCCCC
GCTGTTTTGGGGAAGTCTCTCCACTTTGGGATCCTGCTGAAGCTAGGTTTCATGAGGTCGGAATCCC
CACCACATTTGCCTAGACTTTGGGCACAGGAGTCTTAGTCCACCAAATCAGAGAGAGGATGGGCTTTT
GATCAGATACCCCTCCCCAAAAAAAAAAAAAACTAAACTAAAGCAAAAATCAAACAAAATCTGGCTGAG
TTTAGTGGGGTGGTTGGGGAAGGTACATAGACCCTCCTTTGCCACCCTAGACAGCCCTCTCATGTCT
GAACCTCAGCCTGGGAGTTAGATTTATTTGTCTCTAAATGAAGTCAGTGGATAGATGCTTTGAGGGAT
TTTGAGTAGAAACATTCATAGTTAATTTTCACTCTGGCCAATCTGAGTTTGATGTGTGTGTCTGGAAC
ATTCCTCCAGCTTTTGGTGGTCAGATGGCCAGAGATATGGGGGACAGGAGGAAGAGGGTAAATGAACC
ACAGTGAGCAGGTTCTAGGAGGTACCTGCATCAGACAAGCTGGTGGAGGCCACGTGGCAAGCCACATCT
ACTGAGGCCTCATGCTGCTCTTGCTCTGTAAAGACACGGAGCCAGAAACCCATCTGCACTTCTGAGAC
CTGCCTGGGGAACCGGGGACAGGACCAAGTGAGGCCTCATGTGTGTCTTACCGTGCTGCTCACAAC
GGCCAGGTGGGTGCCAAAGGGAGCCTGACAGGCTGTTGTGTTAATTTATTGTTCTTGCACACCTGCAC
AGCCTCCCTCTGGGATCCACCTGGAGTGAGCAGGGGTCTTGAGAAATGGAGAGTTGGCTGCAAAAA
CTCTCATGCACTAGATGTGGCACCTTGAGGGGACAGGTGAGACAAGCAGCCAGAAATACTCTCTCAAG
TGGAGGGGAGAATTTTGGAGTGGATGGAACAGTTTGGTGGTTTCAGAGAATTTCTAGGTTTCTACTTG
GATCTACTTCTGATACAACTTGCACTTGGTGCCTCTGGTGGTGTGTTAGTTTTAGTTCCGTAAGAGAA
ATGATTCTAGTTTGCTAAATTGGTGGCATCTTTGGGAGGGGTTCTGTTTATGGTTAGAGTCTCTTAC
ACCCTTGTGGAGGATCTTATTCTGACTGTGGGAGCTCCTGTTGCGGGATCTTGGGAAAAATAAAG
AAGCCGCTGCATTGCACGTCAG
ACGCGTAAGCGGCCGCGCATCTAGATTGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
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Restriction Sites: SgfI-MluI

OTI Disclaimer: Our molecular clone sequence data has been matched to the sequence identifier above as a point of reference. Note that the complete sequence of this clone is largely the same as the reference sequence but may contain minor differences , e.g., single nucleotide polymorphisms (SNPs).

Components: The cDNA clone is shipped in a 2-D bar-coded Matrix tube as 10 ug dried plasmid DNA. The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials.

RefSeq: [NM_001043.3](#)

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]

Locus ID: 6530

MW: 54.5