

Product datasheet for **MR227448L3V**

Slc6a4 (NM_010484) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Slc6a4 (NM_010484) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Slc6a4
Synonyms:	5-HTT; AI323329; Htt; Sert
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_010484
ORF Size:	1890 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR227448).
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_010484.2 , NP_034614.2
RefSeq Size:	2747 bp
RefSeq ORF:	1893 bp
Locus ID:	15567
UniProt ID:	Q60857
Cytogenetics:	11 46.18 cM


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Gene Summary:

Serotonin transporter whose primary function in the central nervous system involves the regulation of serotonergic signaling via transport of serotonin molecules from the synaptic cleft back into the pre-synaptic terminal for re-utilization. Plays a key role in mediating regulation of the availability of serotonin to other receptors of serotonergic systems. Terminates the action of serotonin and recycles it in a sodium-dependent manner.
[UniProtKB/Swiss-Prot Function]