

Product datasheet for **RC201991L4V**

STT3A (NM_152713) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	STT3A (NM_152713) Human Tagged ORF Clone Lentiviral Particle
Symbol:	STT3A
Synonyms:	ITM1; STT3-A; TMC
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_152713
ORF Size:	2115 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC201991).
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_152713.2
RefSeq Size:	4244 bp
RefSeq ORF:	2118 bp
Locus ID:	3703
UniProt ID:	P46977
Cytogenetics:	11q24.2
Domains:	STT3
Protein Families:	Transmembrane



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Protein Pathways: Metabolic pathways, N-Glycan biosynthesis

MW: 80.5 kDa

Gene Summary: The protein encoded by this gene is a catalytic subunit of the N-oligosaccharyltransferase (OST) complex, which functions in the endoplasmic reticulum to transfer glycan chains to asparagine residues of target proteins. A separate complex containing a similar catalytic subunit with an overlapping function also exists. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Aug 2015]