

## Product datasheet for **MR208520L3V**

### Supt20 (NM\_019995) Mouse Tagged ORF Clone Lentiviral Particle

#### Product data:

Product Type:	Lentiviral Particles
Product Name:	Supt20 (NM_019995) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Supt20
Synonyms:	AA667204; AI450544; D3Ertd300e; Fam48a; p38IP; Supt20h
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_019995
ORF Size:	1593 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR208520).
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. <a href="#">More info</a>
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:	<a href="#">NM_019995.1</a> , <a href="#">NP_064379.1</a>
RefSeq Size:	1968 bp
RefSeq ORF:	1596 bp
Locus ID:	56790
UniProt ID:	<a href="#">Q7TT00</a>
Cytogenetics:	3 C



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**Gene Summary:**

Required for MAP kinase p38 (MAPK11, MAPK12, MAPK13 and/or MAPK14) activation during gastrulation. Required for down-regulation of E-cadherin during gastrulation by regulating E-cadherin protein level downstream from NCK-interacting kinase (NIK) and independently of the regulation of transcription by FGF signaling and Snail. Required for starvation-induced ATG9A trafficking during autophagy.[UniProtKB/Swiss-Prot Function]