

## Product datasheet for **MR211153L3V**

### Ano6 (NM\_175344) Mouse Tagged ORF Clone Lentiviral Particle

#### Product data:

Product Type:	Lentiviral Particles
Product Name:	Ano6 (NM_175344) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Ano6
Synonyms:	2900059G15Rik; AA407480; AW554778; F730003B03Rik; Tmem16f
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_175344
ORF Size:	2736 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR211153).
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_175344.3</a>
RefSeq Size:	5662 bp
RefSeq ORF:	2736 bp
Locus ID:	105722
UniProt ID:	<a href="#">Q6P9J9</a>
Cytogenetics:	15 E3-F1



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**Gene Summary:**

Small-conductance calcium-activated nonselective cation (SCAN) channel which acts as a regulator of phospholipid scrambling in platelets, osteoblasts and fetal thymocytes. Phospholipid scrambling results in surface exposure of phosphatidylserine which in platelets is essential to trigger the clotting system whereas in osteoblasts is essential for the deposition of hydroxyapatite during bone mineralization. Has calcium-dependent phospholipid scramblase activity; scrambles phosphatidylserine, phosphatidylcholine and galactosylceramide. Can generate outwardly rectifying chloride channel currents in airway epithelial cells and Jurkat T lymphocytes.[UniProtKB/Swiss-Prot Function]