

Product datasheet for **MR223701L4V**

Ano3 (NM_001128103) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Ano3 (NM_001128103) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Ano3
Synonyms:	AI838058; B230324K02Rik; Tmem16c
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_001128103
ORF Size:	2943 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR223701).
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_001128103.2 , NP_001121575.1
RefSeq Size:	6026 bp
RefSeq ORF:	2946 bp
Locus ID:	228432
UniProt ID:	A2AHL1
Cytogenetics:	2



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Gene Summary:

Has calcium-dependent phospholipid scramblase activity; scrambles phosphatidylcholine and galactosylceramide (PubMed:23532839). Does not exhibit calcium-activated chloride channel (CaCC) activity (PubMed:23532839). Seems to act as potassium channel regulator and may inhibit pain signaling; can facilitate KCNT1/Slack channel activity by promoting its full single-channel conductance at very low sodium concentrations and by increasing its sodium sensitivity (PubMed:23872594).[UniProtKB/Swiss-Prot Function]