

Product datasheet for **MR208641L4V**

Fam20a (NM_153782) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Symbol:	Fam20a
Synonyms:	AI606893
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_153782
ORF Size:	1623 bp

ORF Nucleotide Sequence: The ORF insert of this clone is exactly the same as(MR208641).

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_153782.1
RefSeq Size:	2614 bp
RefSeq ORF:	1626 bp
Locus ID:	208659
UniProt ID:	Q8CID3
Cytogenetics:	11 E1



Gene Summary:

Pseudokinase that acts as an allosteric activator of the Golgi serine/threonine protein kinase FAM20C and is involved in biomineralization of teeth. Forms a complex with FAM20C and increases the ability of FAM20C to phosphorylate the proteins that form the 'matrix' that guides the deposition of the enamel minerals.[UniProtKB/Swiss-Prot Function]