

Product datasheet for **MR215898L4V**

Taar4 (NM_001008499) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Taar4 (NM_001008499) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Taar4
Synonyms:	Gm226; Ta2; taR-4
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_001008499
ORF Size:	1041 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR215898).
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_001008499.1 , NP_001008499.1
RefSeq Size:	1044 bp
RefSeq ORF:	1044 bp
Locus ID:	209513
UniProt ID:	Q5QD15
Cytogenetics:	10 A4



[View online »](#)

Gene Summary:

Olfactory receptor specific for 2-phenylethylamine, a trace amine present at high concentration in the urine of carnivore species, playing a key role in fear and avoidance responses. 2-phenylethylamine acts as a kairomone in the chemical detection of carnivore odor and triggers fear in mice. This receptor is probably mediated by the G(s)-class of G-proteins which activate adenylate cyclase.[UniProtKB/Swiss-Prot Function]