

Product datasheet for **MR208878L4V**

Ric8b (NM_183172) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Ric8b (NM_183172) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Ric8b
Synonyms:	BC051080; Ric-8; Ric-8b
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_183172
ORF Size:	1680 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR208878).
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_183172.2 , NP_898995.1
RefSeq Size:	5017 bp
RefSeq ORF:	1683 bp
Locus ID:	237422
UniProt ID:	Q80XE1
Cytogenetics:	10 C1



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Gene Summary:

Guanine nucleotide exchange factor (GEF), which can activate some, but not all, G-alpha proteins by exchanging bound GDP for free GTP (By similarity). Able to potentiate G(olf)-alpha-dependent cAMP accumulation suggesting that it may be an important component for odorant signal transduction.[UniProtKB/Swiss-Prot Function]