

Product datasheet for **MR210529L4V**

Tfrc (NM_011638) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Tfrc (NM_011638) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Tfrc
Synonyms:	2610028K12Rik; CD71; E430033M20Rik; Mtv; Mtvr; Mtvr1; p9; p90; TFR; TFR1; TR; Trfr
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_011638
ORF Size:	2292 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR210529).
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_011638.3
RefSeq Size:	4920 bp
RefSeq ORF:	2292 bp
Locus ID:	22042
UniProt ID:	Q62351
Cytogenetics:	16 23.06 cM



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Gene Summary:

This gene encodes a cell surface receptor necessary for cellular iron uptake by the process of receptor-mediated endocytosis. This receptor is required for erythropoiesis and neurologic development. Mice that are deficient in this receptor show impaired erythroid development and abnormal iron homeostasis. [provided by RefSeq, Sep 2015]