

Product datasheet for **RC220060L4V**

Transferrin Receptor 2 (TFR2) (NM_003227) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Transferrin Receptor 2 (TFR2) (NM_003227) Human Tagged ORF Clone Lentiviral Particle
Symbol:	Transferrin Receptor 2
Synonyms:	HFE3; TFRC2
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_003227
ORF Size:	2403 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC220060).
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_003227.3
RefSeq Size:	2891 bp
RefSeq ORF:	2406 bp
Locus ID:	7036
UniProt ID:	Q9UP52
Cytogenetics:	7q22.1
Protein Families:	Druggable Genome, Protease, Transmembrane
MW:	88.6 kDa



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Gene Summary:

This gene encodes a single-pass type II membrane protein, which is a member of the transferrin receptor-like family. This protein mediates cellular uptake of transferrin-bound iron, and may be involved in iron metabolism, hepatocyte function and erythrocyte differentiation. Mutations in this gene have been associated with hereditary hemochromatosis type III. Alternatively spliced transcript variants encoding different isoforms have been described for this gene. [provided by RefSeq, May 2011]