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Product datasheet for RC202152L3V

DR4 (TNFRSF10A) (NM_003844) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	DR4 (TNFRSF10A) (NM_003844) Human Tagged ORF Clone Lentiviral Particle
Symbol:	TNFRSF10A
Synonyms:	APO2; CD261; DR4; TRAILR-1; TRAILR1
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_003844
ORF Size:	1404 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC202152).
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_003844.2, NP_003835.2
RefSeq Size:	1764 bp
RefSeq ORF:	1407 bp
Locus ID:	8797
UniProt ID:	O00220
Cytogenetics:	8p21.3
Domains:	DEATH, TNFR
Protein Families:	Druggable Genome, Transmembrane

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Protein Pathways: Apoptosis, Cytokine-cytokine receptor interaction, Natural killer cell mediated cytotoxicity

MW: 50.1 kDa

Gene Summary: The protein encoded by this gene is a member of the TNF-receptor superfamily. This receptor is activated by tumor necrosis factor-related apoptosis inducing ligand (TNFSF10/TRAIL), and thus transduces cell death signal and induces cell apoptosis. Studies with FADD-deficient mice suggested that FADD, a death domain containing adaptor protein, is required for the apoptosis mediated by this protein. [provided by RefSeq, Jul 2008]