

Product datasheet for **RC213616L4V**

THSD7A (NM_015204) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	THSD7A (NM_015204) Human Tagged ORF Clone Lentiviral Particle
Symbol:	THSD7A
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_015204
ORF Size:	4971 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC213616).
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_015204.1
RefSeq Size:	6487 bp
RefSeq ORF:	4974 bp
Locus ID:	221981
UniProt ID:	Q9UPZ6
Cytogenetics:	7p21.3
Protein Families:	Transmembrane
MW:	185.2 kDa



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Gene Summary:

The protein encoded by this gene is found almost exclusively in endothelial cells from placenta and umbilical cord. The encoded protein appears to interact with alpha(V)beta(3) integrin and paxillin to inhibit endothelial cell migration and tube formation. This protein may be involved in cytoskeletal organization. Variations in this gene may be associated with low bone mineral density in osteoporosis. [provided by RefSeq, Aug 2010]