

Product datasheet for **RC202503L4V**

GPSN2 (TECR) (NM_138501) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	GPSN2 (TECR) (NM_138501) Human Tagged ORF Clone Lentiviral Particle
Symbol:	GPSN2
Synonyms:	GPSN2; MRT14; SC2; TER
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_138501
ORF Size:	924 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC202503).
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_138501.4
RefSeq Size:	1180 bp
RefSeq ORF:	927 bp
Locus ID:	9524
UniProt ID:	Q9NZ01
Cytogenetics:	19p13.12
Domains:	Steroid_dh
Protein Families:	Transmembrane



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Protein Pathways: Biosynthesis of unsaturated fatty acids

MW: 36 kDa

Gene Summary: This gene encodes a multi-pass membrane protein that resides in the endoplasmic reticulum, and belongs to the steroid 5-alpha reductase family. The elongation of microsomal long and very long chain fatty acid consists of 4 sequential reactions. This protein catalyzes the final step, reducing trans-2,3-enoyl-CoA to saturated acyl-CoA. Alternatively spliced transcript variants have been found for this gene.[provided by RefSeq, Apr 2011]