

## Product datasheet for **RC202408L4V**

### TRAP alpha (SSR1) (NM\_003144) Human Tagged ORF Clone Lentiviral Particle

#### Product data:

Product Type:	Lentiviral Particles
Product Name:	TRAP alpha (SSR1) (NM_003144) Human Tagged ORF Clone Lentiviral Particle
Symbol:	TRAP alpha
Synonyms:	TRAPA
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_003144
ORF Size:	858 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC202408).
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. <a href="#">More info</a>
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:	<a href="#">NM_003144.2</a>
RefSeq Size:	9793 bp
RefSeq ORF:	861 bp
Locus ID:	6745
UniProt ID:	<a href="#">P43307</a>
Cytogenetics:	6p24.3
Domains:	TRAP_alpha
Protein Families:	Druggable Genome, Transmembrane



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MW: 32.2 kDa

**Gene Summary:** The signal sequence receptor (SSR) is a glycosylated endoplasmic reticulum (ER) membrane receptor associated with protein translocation across the ER membrane. The SSR consists of 2 subunits, a 34-kD glycoprotein encoded by this gene and a 22-kD glycoprotein. This gene generates several mRNA species as a result of complex alternative polyadenylation. This gene is unusual in that it utilizes arrays of polyA signal sequences that are mostly non-canonical. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, May 2014]