

## OriGene Technologies, Inc.

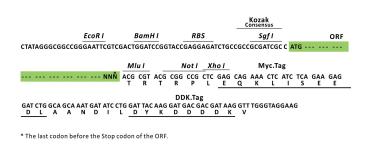
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## Product datasheet for RC202408L3

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

## **Product data:**

Product Type:	Expression Plasmids
Product Name:	TRAP alpha (SSR1) (NM_003144) Human Tagged Lenti ORF Clone
Tag:	Myc-DDK
Symbol:	TRAP alpha
Synonyms:	TRAPA
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
E. coli Selection:	Chloramphenicol (34 ug/mL)
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC202408).
<b>Restriction Sites:</b>	Sgfl-Mlul
Cloning Scheme:	
	Cloning sites used for ORF Shuttling:
	Sgf I ORF Mlu I GCG ATC GCC ATG NNŇ ACG CGT



ACCN: ORF Size: NM\_003144 858 bp



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<b>ORIGENE</b> TRAP alpha (SSR1) (NM_003144) Human Tagged Lenti ORF Clone – RC202408L3	
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. <u>More info</u>
OTI Annotation:	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
Components:	The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).
Reconstitution Method:	<ol> <li>Centrifuge at 5,000xg for 5min.</li> <li>Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li> <li>Close the tube and incubate for 10 minutes at room temperature.</li> <li>Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li> <li>Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.</li> </ol>
RefSeq:	<u>NM 003144.2</u>
RefSeq Size:	9793 bp
RefSeq ORF:	861 bp
Locus ID:	6745
UniProt ID:	<u>P43307</u>
Cytogenetics:	6p24.3
Domains:	TRAP_alpha
Protein Families:	Druggable Genome, Transmembrane
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]

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