

Product datasheet for RC224725L2

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TMPRSS4 (NM_001083947) Human Tagged Lenti ORF Clone

Product data:

Product Type: Expression Plasmids

Product Name: TMPRSS4 (NM_001083947) Human Tagged Lenti ORF Clone

Tag: mGFP

Symbol: TMPRSS4

Synonyms: CAP2; CAPH2; MT-SP2; TMPRSS3

Mammalian Cell None

Selection:

Vector: pLenti-C-mGFP (PS100071)

E. coli Selection: Chloramphenicol (34 ug/mL)

ORF Nucleotide The ORF insert of this clone is exactly the same as(RC224725).

Sequence:

Restriction Sites: Sgfl-Mlul

Cloning Scheme:





^{*} The last codon before the Stop codon of the ORF.

ACCN: NM_001083947

ORF Size: 1296 bp



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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.

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: 1. Centrifuge at 5,000xg for 5min.

2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.

3. Close the tube and incubate for 10 minutes at room temperature.

4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid

at the bottom.

5. 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.

RefSeq: <u>NM 001083947.1</u>, <u>NP 001077416.1</u>

 RefSeq Size:
 3534 bp

 RefSeq ORF:
 1299 bp

 Locus ID:
 56649

 UniProt ID:
 Q9NRS4

 Cytogenetics:
 11q23.3

Protein Families: Druggable Genome, Protease, Transmembrane

MW: 47.5 kDa

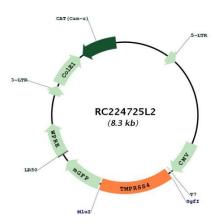
Gene Summary: This gene encodes a member of the serine protease family. Serine proteases are known to be

involved in a variety of biological processes, whose malfunction often leads to human diseases and disorders. This gene was identified as a gene overexpressed in pancreatic carcinoma. The encoded protein is membrane bound with a N-terminal anchor sequence and a glycosylated extracellular region containing the serine protease domain. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Jul

2008]



Product images:



Circular map for RC224725L2