

Product datasheet for RC214475L4

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TSPAN4 (NM_001025235) Human Tagged Lenti ORF Clone

Product data:

Product Type: Expression Plasmids

Product Name: TSPAN4 (NM 001025235) Human Tagged Lenti ORF Clone

Tag: mGFP

Symbol: TSPAN4

Synonyms: NAG-2; NAG2; TETRASPAN; TM4SF7; TSPAN-4

Mammalian Cell

Selection:

Puromycin

Vector: pLenti-C-mGFP-P2A-Puro (PS100093)

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

ORF Nucleotide

The ORF insert of this clone is exactly the same as(RC214475).

Sequence:

Restriction Sites: Sgfl-Mlul

Cloning Scheme:





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

ACCN: NM_001025235

ORF Size: 714 bp





TSPAN4 (NM_001025235) Human Tagged Lenti ORF Clone - RC214475L4

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 001025235.1</u>, <u>NP 001020406.1</u>

 RefSeq Size:
 1442 bp

 RefSeq ORF:
 717 bp

 Locus ID:
 7106

 UniProt ID:
 014817

Cytogenetics: 11p15.5

Protein Families: Transmembrane

MW: 26.1 kDa

Gene Summary: The protein encoded by this gene is a member of the transmembrane 4 superfamily, also

known as the tetraspanin family. Most of these members are cell-surface proteins that are characterized by the presence of four hydrophobic domains. The proteins mediate signal transduction events that play a role in the regulation of cell development, activation, growth and motility. This encoded protein is a cell surface glycoprotein and is similar in sequence to

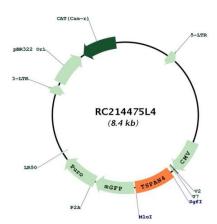
its family member CD53 antigen. It is known to complex with integrins and other

transmembrane 4 superfamily proteins. Alternatively spliced transcript variants encoding

different isoforms have been identified. [provided by RefSeq, Jul 2008]



Product images:



Circular map for RC214475L4