

Product datasheet for RN213046

Tspan5 (NM_001004090) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Tspan5 (NM_001004090) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Tspan5
Synonyms:	Tm4sf9; Tspan-5
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>RN213046 representing NM_001004090 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGTCCGGGAAGCACTACAAGGGTCTGAAGTCAGTTGTTGCATCAAATACTTCATTTTTGGCTTCAATG
TCATATTTGGTTTTGGGAATAACGTTTCTTGGAAATGGACTGTGGCGTGGAATGAAAAGGTGCCT
GTCCAATATCTCGTCCATCACCGACCTCGGTGGCTTTGACCCAGTCTGGCTTTTCTCGTGGTGGGAGGA
GTGATGTTCACTTGGGGTTTGCAGGGTGCATCGGAGCACTGCGGAAAAACCTTCCTTCTCAAGTTTT
TTTCTGTGTTCTGGGAATTATTTTCTTCTGGAACACTGCTGGGGTGTGGCATTGTTTTCAAAGA
CTGGATCAAAGACCAGCTGTATTTCTTTATTAACAACAACATCAGAGCCTACAGAGATGACATTGATCTG
CAGAACCTCATAGACTTCACCCAGGAATACTGGCAGTGCTGCGGGCTTTTGGAGCTGACGATTGGAACC
TAAATATTTACTTCAACTGCACAGACTCCAATGCAAGCCGAGAGCGATGTGGTGTGCCATTCTCCTGCTG
CACTAAAGACCCCGGAAGACGTCATCAACACTCAGTGTGGCTATGATGCCAGGCAAAAACCAGAAGTT
GACCAACAGATTGTGATCTACACAAAAGGCTGTGTGCCCCAGTTTGAGAAGTGGCTACAGGACAATTTAA
CCATTGTGGCTGGTATTTTCATAGGAATTGCACTGCTTCAGATTTTGGGATATGCTGGCACAGAATTT
GGTGAAGTGAAGCTGTCAAGGCTAGCTGGTAG

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	SgfI-MluI
ACCN:	NM_001004090
Insert Size:	807 bp



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OTI Disclaimer:	Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).
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 style="list-style-type: none">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_001004090.2</u> , <u>NP_001004090.2</u>
RefSeq Size:	2877 bp
RefSeq ORF:	807 bp
Locus ID:	362048
UniProt ID:	<u>Q68VK5</u>
Cytogenetics:	2q44
Gene Summary:	Regulates ADAM10 maturation and trafficking to the cell surface. Promotes ADAM10-mediated cleavage of CD44.[UniProtKB/Swiss-Prot Function]