

Product datasheet for **RR202060**

Trappc4 (NM_001003708) Rat Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Trappc4 (NM_001003708) Rat Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Trappc4
Synonyms:	Sbdn
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
ORF Nucleotide Sequence:	>RR202060 representing NM_001003708 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGCC**

ATGGCGATTTTTAGCGTGTACGTGGTGAACAAAGCCGGCGCCTGATTTACCAGTGGGACAGCTACTCGC
CACGGGCTGAAGCTGAGAAAACCTTCAGTTACCCGCTGGACCTACTGCTGAAACTGCACGACGAACGAGT
GCTGGTCGCTTTTCGGCCAGCGAGACGGCATCCGGGTGGGCCATGCAGTATTAGCCATCAATGGCATGGAT
GTAATGGCAAGTACACGGCGGACGGGAAAGAAGTGTGGAGTATCCGGGTAACCTCTGCAAATTACCCGG
TTTCTATTCGATTTGGCCGGCCCGCCTTACCTCCAATGAGAAGCTTATGCTGGCCTCTATGTTCCACTC
GCTCTTTGCCATTGGTCCCAGCTATCTCCGGAACAGGGCAGTTCAGGCATTGAGATGCTGGAAACAGAC
ACGTTCAAACGACTGCTTCCAAACACTGACAGGGATCAAGTTGTGGTCTGGCAGATCCTAGGCAAG
CTGGAATAGATTCTTCTCCGAAAAATTTATGAAATTTACTCAGACTTTGCCCTCAAGAATCCATTCTA
CTCCTTGGAAATGCCTATCAGATGTGAGCTATTTGACCAAACCTGAAGCTAGCTCTCGAGGTGGCGGAG
AAGGCTGGCACTTTTGGACCTGGGTCAAAGGCTGGCACTTTTGGACCTGGGTCA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



[View online »](#)

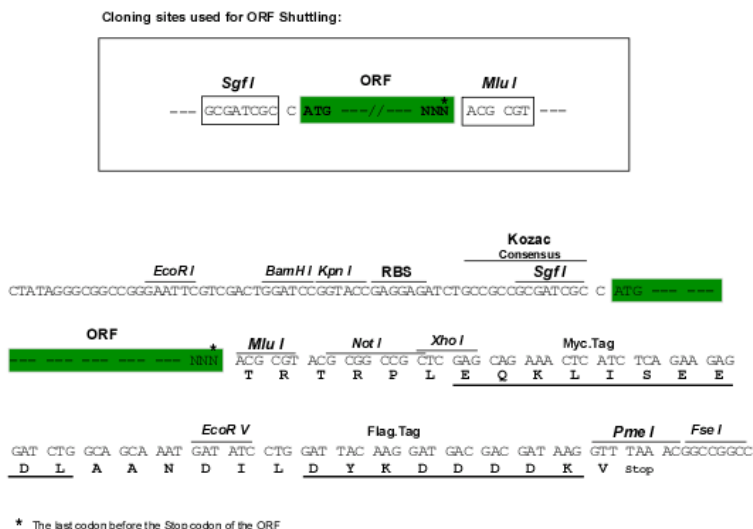
Protein Sequence: >RR202060 representing NM_001003708
Red=Cloning site Green=Tags(s)

MAIFSVYVVKAGGLIYQWDSYSPRAEAEKTFSYPLDLLLKLHDERVLVAFGQRDGIKRVGHAVLAINGMD
 VNGKYTADGKEVLEYPGNSANYPVSIKFRPRLTSNEKMLASMFHSLFAIGSQLSPEQGSSEIEMLETD
 TFKLHCFQTLTGKIFVVLADPRQAGIDSLRKRKIEIYSDFAKKNPFYSLEMPIRCFLDQNLKLALEVAE
 KAGTFGPGSKAGTFGPGS

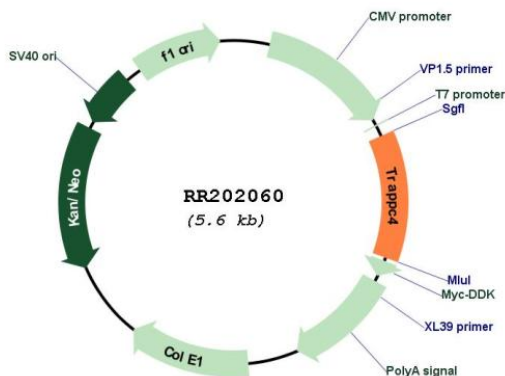
TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: SgfI-MluI

Cloning Scheme:



Plasmid Map:



ACCN: NM_001003708

ORF Size: 657 bp

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:	<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 Size:	863 bp
RefSeq ORF:	660 bp
Locus ID:	367073
UniProt ID:	Q69BT7
Cytogenetics:	8q22
MW:	24.4 kDa
Gene Summary:	mouse homolog binds syndecan-2 and may play a role in synaptic vesicle transport and dendritic spine formation [RGD, Feb 2006]