

Product datasheet for **RR207424**

Cpsf6 (NM_001106785) Rat Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Cpsf6 (NM_001106785) Rat Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Cpsf6
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



[View online »](#)

ORF Nucleotide Sequence:

>RR207424 representing NM_001106785
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGCGGACGGTGTGGACCACATAGACATTTACGCGGATGTGGGGGAAGAGTTCAACCAGGAAGCGGAAT
 ATGGTGGGCATGATCAGATAGATTTGTATGATGATGTCATCTCTCCATCTGCAAATAATGGCGATGCCCC
 AGAAGACCGGGACTACATGGATACTCTCCACCAACTGTTGGTATGATGTGGGTAAAGGGGCAGCACCA
 AACGTTGTCTATACTTACACTGGAAGAGAATCGCATTGTATATTGAAAATCTAACATGGTGACAACAG
 ATGAGGACCTAACTGAAGCAGTTCATTCTTTGGGAGTAAATGATATTTGGAGATAAAATTTTTGAAAA
 TCGGGCAAATGGACAATCAAAGGGATTTGCCCTTGTGGTGTGGATCTGAAGCATCTTCCAAAAAGTTA
 ATGGATCTTTGCCTAAAAGAGAACTTCACGGTCAGAATCCTGTTGTAACCTCATGCAATAAACAGTTCC
 TGAGTCAGTTTGAATGCAATCCAGGAAAACACACAATCAGGACAAATGTCTGGGAAGGTAAGCTGG
 TCCTCCAGGAGGGGTTACGCGCAGCATTCCACAAGTGGTAGAGGACGGGGCCGTTTTCCAGGGGCT
 GTTCTGGTGGGACAGATTTCTGGGCCAGCAGGACCAGGAGGGCCACCTCCACCTTTCCAGCTGGAC
 AGACTCCACCACGTCCACCTCTAGGTCCACCTGGCCACCTGGCCCCCAGGTCCTCCACCTCCCGGTCA
 GGTCTGCCACCTCCTCTAGCAGGACCTCCTAATCGAGGAGACCGCCCTCCACCACAGTTCTTTTTCT
 GGACAACCTTTTGGGCAGCCTCCGCTGGGTCCACTTCTCCTGGGCCTCCACCTCCAGTTCAGGGCTACG
 GCCCCCTCCAGTCCACCGCTCCACAGCAGGGACCCTCCACCTCCAGGCCCTTTCCACCTCGACC
 ACCAGTCCACTAGGGCTCCCTTACACTTGCCTCCTCCACATCTTCCGGGACCACCTCCAGGTGCC
 CCACCACAGCTCCACATGTGAATCCTGCTTTTTCCCTCCACCAACTAATAGTGGCATGCAACATCAG
 ATAGTCGAGGTCACCGCCAACAGACCCATATGGCCGACCTCCACCATATGATAGGGGTGACTATGGTCC
 CCTGGGAGGAAATGGATACTGCAAGAACACCTCTGAGTGAAGCTGAGTTTGAAGAAATCATGAATAGA
 AATCGGGCAATCTCTAGCAGTGCTATTTCAAGAGCTGTATCTGATGCTAGTGCTGGTGATTATGGGAGTG
 CTATTGAAACATTGGTAACAGCAATTTCTCTAATTAACAATCCAAAGTATCTGCCGACGATCGCTGCAA
 AGTTCTTATTAGCTCTTTGCAAGACTGCCTTATGGAATTGAGTCCAAGTCTATGGGTCTGGATCAAGA
 CGTGAACGATCAAGAGAAAGGGACCATAGTAGATCACGGGAAAAGAGTCGACGTCATAAATCTCGGAGTA
 GAGATCGCCATGATGATTATTACAGAGAGAGAAGCAGAGAGCGAGAGAGACACCGGGATCGCGATCGGGA
 TCGTGACCGGGAGCGCGACCGAGAGCGAGAATACCGTCATCGT

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RR207424 representing NM_001106785
 Red=Cloning site Green=Tags(s)

MADGVDHIDIYADVGEFNQAEYGGHDQIDL YDDVISPSANNGDAPEDRDYMDTL PPTVGDDVVGKGAAP
 NVVYTYTGKRIALYIGNLTWWTDEDL TEAVHSLGVNDILEIKFFENRANGQSKGFALVGVGSEASSKLL
 MDLLPKRELHGQNPVVTPCNKQFLSQFEMQSRKTTQSGQMSGEGKAGPPGGGSRAAFPQGGRRGRFPGA
 VPGGDRFPGPAGPGPPPPFAGQTTPRPPLGPPGPPPPGPPPPGQVLPPLAGPPNDRPPPPVLP
 GQPFQPPPLGPLPPGPPPPVPGYPPPPPPPPQPPPPPPGFPFRPPPLGPPLTLAPPPHLPGPPPGA
 PPPAPHVNPAPFPPTNSGMPTSDSRGPPPTDPYGRPPPYDRGDYGPPGREMDTARTPLSEAEFEEIMNR
 NRAISSSAISRAYSASAGDYGSAIETLVTAISLIKQSKVSADDRCKVLISLQDCLHGIESKSYSGSR
 RERSRERDHSRSREKSRRHKSRSRDRHDDYYRERSRERERHRDRDRDRERDREREYRHR

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites:

Sgfl-MluI

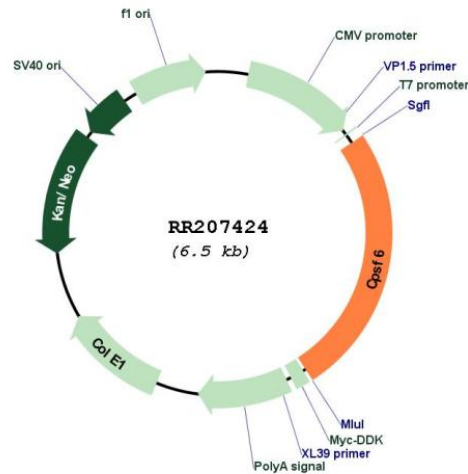
Cloning Scheme:

Cloning sites used for ORF Shutting:



* The last codon before the Stop codon of the ORF

Plasmid Map:



ACCN: NM_001106785

ORF Size: 1653 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:

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: [NM_001106785.1](#), [NP_001100255.1](#)

RefSeq Size: 7168 bp

RefSeq ORF: 1656 bp

Locus ID: 299811

Cytogenetics: 7q22

MW: 59.2 kDa