

Product datasheet for **RR210550**

Cpsf3 (NM_001030030) Rat Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Cpsf3 (NM_001030030) Rat Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Cpsf3
Synonyms:	MGC124885
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



[View online »](#)

ORF Nucleotide
Sequence:

>RR210550 representing NM_001030030
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGTCTGCAATTCCTGCAGAGGAGAGCGACCAGCTGCTGATCCGACCCCTTGGTGTGGCCAAGAAGTGG
GAAGATCATGTATTATTCTGGAGTTCAAAGGAAGGAAAAATCATGCTAGACTGTGGGATCCACCCTGGCCT
GGAAGGAATGGATGCTCTTCTTACATTGACCTCATCGACCCAGCTGAGATCGACCTTCTGTTGATCAGT
CACTTCCATTTGGACCACTGTGGAGCCCTGCCCTGGTTCCCTCAGAAGACAAGTTTCAAAGGACGGACGT
TTATGACCCACGCCACAAAAGCTATCTATAGATGGCTCCTCAGACTATGTCAAAGTCAGCAACATATC
AGCAGATGACATGCTGTACACTGAGACAGACTTGAAGAAAGCATGGACAAAATCGAAACCATCAATTTT
CATGAAGTTAAGGAAGTGCAGGAATCAAGTTCTGGTGTACCATGCCGGCCACGCTCTGGGAGCAGCCA
TGTTTATGATAGAGATTGCTGGTATGAAGCTTTGTATACAGGTATTTCTCAAGACAAGAGGACAGACA
TCTAATGGCCGCTGAAATTCCTAATATTAAGCCAGACATCCTGATCATTGAATCTACGTATGGGACCCAT
ATCCATGAGAAGCGTGAAGAGCGAGAAGCAAGATTCTGCAACACTGTGCACGACATTGTCAACAGAGGGG
GCAGAGGGCTCATTCTGTCTTTGCTCTCGGAAGAGCTCAGGAGCTGCTCCTGATTCTAGATGAGTACTG
GCAGAACCACCCAGAGCTGCACGACATCCCATTTACTACGCATCGTCTCTGGCCAAGAAGTGCATGGCC
GTGTACCAGACCTACGTGAACGCCATGAACGACAAGATCCGGAAGCAGATCAACATCAACAACCCCTTCG
TTTTCAAGCACATCAGCAACCTCAAGAGCATGGATCACTTTGACGACATTGGCCCCAGTGTGTAATGGC
CTCACCAGGCATGATTCAAAATGGCTTATCCAGAGAGCTGTTTGAAGCTGGTGTACAGATAAGAGGAAT
GGCGTCATCATCGAGGGTACTGTGTAGAAGGGACACTTGCCAAGCACATCATGTCTGAACCTGAAGAAA
TCACTACCATGTCTGGACAGAAGTTGCCACTGAAAATGTCGGTTGATTACATTTCTTCTGCTCACAC
AGATTACCAGCAAACCAGTGAATTTATTCGTGCTCTGAAGCCGCCTCACGTGATTTTAGTCCATGGGGAA
CAGAATGAAATGGCCAGACTGAAAGCAGCACTGATCCGAGAATATGAAGATAACGATGAAGTTCACATCG
AGGTTCAATCCTCGGAACACAGAGGCCGTGACCCTGAACTTACAGGGGAGAAGCTCGCCAAGGTCAT
GGGCTTTTTAGCAGACAAGAAGCCAGAACAGGGCCAGCGGGTCTCTGGAATTCCTGTTAAAAGAACTTT
AATTACCACATACTCTCCCTGTGACCTCTCGAATTACACTGACCTGGCCATGAGCACTGTGAAACAGA
CCCAAGCCATCCCATATACTGGGCCCTTTACCTGCTCTATTACCAGCTACAGAAATTGACGGGTGATGT
AGAAGAATTAGAAATCAAGAAAAGCCTGCTTTGAAGGTATTCAAAGCATCACCGTGGTGCAGGAGCCG
GGCATGGTGGTCTGGAGTGGCTGGCGAACCCCTCTAACGACATGTATGCAGACACAGTGACCACCGTGA
TATTGGAAGTTCAGTCAATCCAAAAATAAGGAAAGGTGCAGTGCAGAAGGTCTCTAAGAAGCTAGAGAT
GCACGTTTACAGCAAGAGGCTTGAGGTCATGCTCCAGGACATATTTGGAGAAGACTGTGTCAAGTGAAA
GATGACTCTGTCTCAGTGTACGGTGGATGGAAAAACAGCAAATATTAATTTGGAGACTCGGGCTGTAG
AATGTGAAGAAGGAAGTGAGGATGATGAGTCCCTCCGAGAAATGGTGAACTGGCCGCCAGAGACTGTA
CGAGGCTCTGACGCCGCCAGTGCAC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >RR210550 representing NM_001030030
Red=Cloning site Green=Tags(s)

MSAIPAEESDQLLIRPLGAGQEVGRSCIILEFKGRKIMLDCGIHPGLEGM DALPYIDLIDPAEIDLLLS
 HFHLDHCGALPWFLQKTSFKGRTFMTHATKAIYRWLLSDYVKVSNISADDMLYTE TDLEESMDKIETINF
 HEVKEVAGIKFWCYHAGHVLGAAMFMIEIAGMKLLYTGF SRQEDRHLMAAEIPNIKPDILIIESTYGT
 IHEKREEREARFCNTVHDIVNRGGRGLIPV FALGRAQELLLILDEYWQNHPELHDIPYIYASSLAKKMA
 VYQTYVNAMNDKIRKQININPFVFKHISNLKSMDFDDIGPSVVMASPGMIQNGLSREL FESWCTDKRN
 GVIIAGYCV EGT LAKHIMSEPEEIT TMSGQK LPLKMSVDYISFSAHTDYQQTSEFIRALKPPHVILVHGE
 QNEMARLKAALIREYEDNDEVHIEVHNPRNTEAVTLNFRGEKLAKVMGFLADKKPEQQQRVSGILVKRNF
 NYHILSPCDLSNYTDLAMSTVKQTQAIPYTPGFYLLYYQLQKLTGDVEELEIQEKPAKVKFSITVVQEP
 GMVVLEWLANPSNDMYADTVTTVILEVQSNPKIRKGAVQKVKKLEMHVYSKRLEVMLQDIFGEDCVSVK
 DDSVLSVTVDGKTANINLETRAVECEESEDES LREMVELAAQRLYEALTPPVH

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites:

SgfI-MluI

Cloning Scheme:



ACCN: NM_001030030

ORF Size: 2055 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_001030030.1](#), [NP_001025201.1](#)

RefSeq Size: 2248 bp

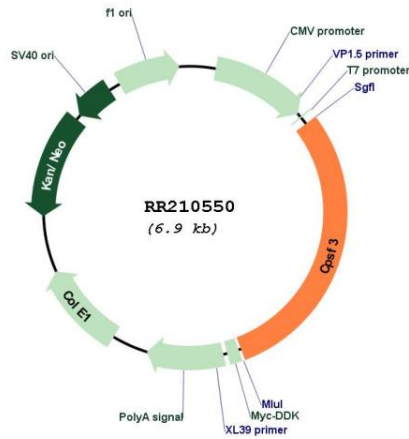
RefSeq ORF: 2058 bp

Locus ID: 298916

Cytogenetics: 6q16

MW: 77.6 kDa

Product images:



Circular map for RR210550