

## Product datasheet for RN217543

### Cspp1 (NM\_001191864) Rat Untagged Clone

#### Product data:

|                      |  |
|----------------------|--|
| Product Type:        | Expression Plasmids  |
| Product Name:        | Cspp1 (NM_001191864) Rat Untagged Clone  |
| Tag:                 | Tag Free   |
| Symbol:              | Cspp1  |
| Synonyms:            | RGD1307055   |
| Vector:              | pCMV6-Entry (PS100001)   |
| E. coli Selection:   | Kanamycin (25 ug/mL)   |
| Cell Selection:      | Neomycin   |
| Fully Sequenced ORF: | >RN217543 representing NM_001191864<br>Red=Cloning site Blue=ORF Orange=Stop codon |

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGGCAGATGGCTTGGATGAATTTATTGAAGAGCAAAAAGTGAACTGGCCCAAGACAAAGCAGAGTTGG  
AAAGTGACCTGCCGTACATGGAGATGAAGGAAAGGCATCAGAGAACTCTCTGAAAACAGTAAATCTT  
AATCTCTATGGCTAAGGAGAACATACCACCAAACAGCCAAACAGCCCAAGGGATCCTTAGGTATTGATTAT  
GGGTTAAGTTTACCACCTGGAGAAGATTATGAACAGAAGAAACATAAATTTAAAAGAAGAATTGAGACAAG  
ATTATAGACGCTATCTTACTCAGAAGAATTTCTATCTACTGGTAAAACAGACCCATCTACTCTGGGAGT  
TTCTCTTCTATTGGTGATCGGTTATCTGCCAAGGAAAGGTTGAACTTGAACGCAACCGAGAATACAAT  
CAATTTCTCAGGGTAAGGAAGAATCCACAGAAAAAGTCAGACAGGTAGAAAAGGAATATTGAGGCTAAGA  
GTCAAAGGAATAAAAACCTGTTAGTCAAGTAAATCTGATCTGCCTTCACAAGCACTGACTTCATACGC  
ACATTCAGAGGGACCTGCACATGAAGAGCTTCTAAACCAAGACAGCGGGAGGAGGGCCGATACCGACAG  
CTAGATGATGGAATTGAATTAAGGACTAGAAGACCGCTTAAACAAACAAATGAAGAAATAGGCATTTCTG  
GTACAAGCCACCAAAGCTTTTCCAGCAAGACAGCTGCTCCAGAGAGAAGAGCTTGCAGGTTTAAACGAGGA  
GGGTGTGCTTGACAACAGTACTGTAGAGCTGACCGTGATCCTGACATAAGTGAAGACATGGACGACAGG  
TTTAGATTTGAAAAGTGATTTTGATCGAAAAATTTTGGAGAGTATATACAAATGACAGGCCACATGGGAGCA  
GACAATGTGCGGATGAGGAAGGCATCTCAGAAGAGCCAAAAACGCAGATCTCCTGTGCTGAAAAATAAAG  
TGTTTCAGATAATGGACCACCAATGTGCTGATGTCAATGTCACCAGTCCCTTCGACGAGCATGCTCTTT  
GGAGGTGAAGATCGAGAAGTAGCCAAGAAGAAGAAAGAGAAGTATAGACAAGAATACTAGAGCAGATAG  
CTGAGCAGCAGCAGAAGAAGAGACGAGAAAAAGATTTAGCATTCCGAATTACAATCTGGAGTCCAGGA  
CCCTGAAAAATCGCCTGATAGACTAAAGCAGTTTAGTTTGACACCAGGACACTTTGAAGAGACGATACCA  
CCCAGAGACCCAGAGTAGCTTTCCAGACACCTCCCCCCCCTTCTCTGCCCCGTCTGTCCACCTGTCC  
CACCAGTTCATTCCGCCCTTCTCACAATGAAGACTTGCCAGTGGACTCGGCAGCACCTTGGTGAAGT  
GGTGATCCCAGAATTGTACCTGTGCCTCTGAATCCGCTTCCACCTCCGCTCCTTCCCCACCTCGTTCT  
AATATCGAACTCCTTATGACGACGCACTATTTTTACGGTGCCAGGAATACACTGGATCCCAATATTG



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TG TACTATGGTTCAGGAATGATTGGAGGACATCCTGTCCCTCATGTCTCTGCCCTGTCACTCACCAAGT  
 AGCACCACCAGCTGTGAGTACTGTTGGACAGAACGAGCAGACAGTTCTTAGTGATCGACTCAGGAATTCA  
 GGACTGGTCTTTGAGGATAAGCCAAAACCTTCCACACAGTCACCTAAATCTTACCAAGAAGCTTTGCAGG  
 AGCAGATTCGGGAAAGAGAAGCAAGAAAGAAGAAAGAACGTTTAGAAAAAGAAGAATATGAAGCTAACT  
 AGAAGCTGAAATGAGGATTTACAACCCCTGGGGGAAGGGCGGAGGAGGTGCCCTCTCCGAGACGCCAAA  
 GGAAATCTGATAACTGACTTGAATAGGATGCACAGACAGAATATAGACGCCTACCAATAACCCAGACGCAA  
 GAGCGTATGAAGATAAAAGGGCTGTTGTGCTATAGACCAAAATTTAGCCACTTCAAATGCTGAAACCT  
 AGAAGATTCTGCAAGTAAAACTCAGGTCTTTACAAACACAAGGCTCTCCTTTTGCCTGGGAAATACA  
 TTCGGCGAGCCACTCAGCGAGCTTCAAATTAACAGCAAGAATTATACAAGAATTTTCTCGTTTTCAGA  
 TTGAGGAGAAGAGACAAAGAGAAGAAGCGGAGCGGAGAAGCTGAGAGTTGCTGAAGAGAAGGAAGAAA  
 GCGGCTTCGAGAGCAGAGGGCAAGAATTCAGCAAGAGTACGAGGAGGAGCAGGAGCGGAGGAGGAGAAG  
 GAAGAGGAGCAAAGGCTGAAAAATGAAGAACTTATTCGGTTAGCTGAAGAGAGGCGAAAAGAAGCAGAAA  
 GAAAGAAGAAGGAAGAGGAGGAAAAGCATAACTTCAGCTTCAGCATTACTACGAGAGAGAGAATGTTAT  
 CGGAGATGAAGCAAAGTACTTGAGACAGCCTTCTCCTGTAGTTCTCTGCTCTTCAGAACAAAACCTGCAAGC  
 AAAATCCAAAGACCTCCTTCAGTCGACACCATCATAAGTTCCCTTATTGAAAGCTCCATGTCCCGGG  
 CACAGTCTCCTCCGGTCCCTGCGAGGAAGAACCACTCCGTGCAGAAGAGGAGAAAAAAAATGTAATTAT  
 GGAGTTATCAGAAATGAGGAAGCAGCTCCGAAGTGAGGAGAGGCGTTTGCAGGGTCCGGTCTGACCTG  
 GAAAGCGACGACGACGACATCCCTATCAGGAAAAGAGAGGAACCCCATGGATATATTTGATATGGCTA  
 GACATCGGGTACAGGCTCCTGTGAGAAGACCATCGCCTAAGGGCCTAGATGCTACTACGTTTCAGAAAT  
 TCACGACTTTAACGAGCTGAGAGAGAGGGATTTCAGATACTCGGGTGGATCTGAGATTAATGTACCCAGAT  
 CCTCCACGAGATCATCACAGTTGGAGATTCAGCAGCAGGCCCTACTCCGAGAGCAGCAGAAGAGGCTCA  
 ACAGAAATGAAGATGCGGGCAGATGCGGGAGCTGATTTAGACGCCATCCCCACTGGTAATGAGCAAGGACG  
 CAGAGTGCCAGAGATGACACTAATGATTTTTTGAAAAATTCATTATTAGAATCTGATAGTCTTTTATT  
 GGTGCTTACGGTGAGACGTATCCTATCACTGAAGAGGACGCCTTCCCTCCACCGTCACAGTTGCCCTCTG  
 CAAGGGAACGCAGGAGGAACAAGTTAAAAGGACTAGAGTTTGAAGTGTGCGCTCCACACACCGCAAGA  
 TGGTCTCTCTTTAACTCTACCTCCAGTGTAAATGTCGATCAGGTTAGAATGAGAAATGAGGAGAGACTG  
 AGAAGACTGACTGAGCATCAGAAGAAACCCACTCACACAGATGATGAGGGTTCACTGGTTGATCCTGACG  
 ACATCATGAGACACTTGGGTGATGATGGACGCAACTCTGTGGCAACTGAGCCCTGGCTCCGCCCTGGCAC  
 TTCGAAACTCTGAAACGGTTCATGGCAGAGCAGCTGAATGAGGGACAGCAGCAGGTTCTGGGAAACCA  
 GGCACCTTTCTTGGCAGGGACTATCTGCTGCACATGCTTAA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM\_001191864
- Insert Size:** 3612 bp
- 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).
- OTI Annotation:** Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.
- 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\\_001191864.1](#), [NP\\_001178793.1](#)

**RefSeq Size:** 4232 bp

**RefSeq ORF:** 3612 bp

**Locus ID:** 362472

**Cytogenetics:** 5q11