

Product datasheet for **RN204256**

Hps4 (NM_001107148) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Hps4 (NM_001107148) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Hps4
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >RN204256 representing NM_001107148
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGGCCAACACCACTCCCCAGAGACAAAGTCAGCAGCGTGGTGGAACTACTTTTTCTGTACGATGGTT
 CCAAGGTACAGGGAGAAGGAGACCCAACCAGAGCCGGCATCTGCTACTTCTATCCCTCCCAGACCTGTT
 AGACCAGCAGGAGCTGCTCTGTGGCCAGCTTGCTGGAGTTGTGCGCTGTTGTGGGACCTTCCGGCACC
 CCGCCTATGCTCATCCGCTCGCGAACCTCAAGTTTGGCCCTCAGGGTGGATGGGGACTACCTGTGGGCTC
 TGGGTTGTGGTGTGGAGCTCTCCGATGCCAGCTGCAGGCAGTTTCTGGATCAGCTCATTGGATTTTTTCA
 TTTCTACATGGGGCTGTCTCCCTGGCCTACAAGAGCCATCCTCAGGAAGAGCTGAGGTTGCAGTGGGAT
 ACCTTCATCACACAAGTCTCAGGAGCACCAGCGAGTCGCACAGGATCTTCAATGCCCTGTGGAACCTGG
 ACCGCACCAAAGTGGAGCCCTGCTGCTGCTGAAGGCAGCCCTCATCTTACAGACCTGCCAGCGCTCACC
 CCATGTGCTAGCTGGCTGCATCCTCTATGAAGGACTGATTGTGAATTCAGCTGCCACCTCCCTCACT
 GCCAAGGTCTGCTTCATCACACTGTAGCTGCAGACCAGAGGCCCTGGAGCAGGAGCTGCCACACAGG
 AAACAGGACCAGCATTACCCCTGCCGTGCAGATCACCCCTGTTTTCTGAGTGAGGAGGAGGTGGCCAG
 CCTCCATGAGTTCCAGTAGAGCATGACCCTCGACTGGAGGAAAGTTCATTTAGTGCCCTCCCTGGGAT
 CAAAGCACCCCTACTGGGGCGGAAGATGCCTGGACATCAGCCACCGTCTGGAGCCACACCATGTGGTG
 GAGGACACTCACCTAGGCTTGAGCAGGAGCGTGTGGGCCACAGGACTGTGCACCGAGGCTGTGACCG
 GAGCTCTGATCTCAGTGGCAGGCTGCAGAGGAACTGTGTCTCTCCAAGAACTGGACTTGTCTGCAATG
 CACTTTCTGAGGCTCAGGACGCATTCCCGCTGTGCCTGCCTCGTGTGATCTGCAGGCTCTCTGCGTCA
 GCCGGGACACCCACACTACCTGAAGACACAGCCATTTGCAGCTGCCTGGACCTTCCCTCTTGAGAG
 GCCACCCGAGGGCGGAAGCCTGGAGGCGTTGCAGACCTTCCCTCACCCATGGCCACACCCACGTTCT
 GGCACAGAACCTCTCCAGCAGCAGAACTATGGTACTTCTTCCCAACATCCTGAGGGTGTAGAGCCCG
 GTGTGGAGCCCTGTGGGAGTGGAGCTCAGGACAGACTCCAGCCCTGGCACGCAGTTCCTACTCGGCTGA
 CTCTCAGGGCCCTAGCCCTCTGCAGACAGAAGTGGTTCAATCCATCCCATCTGGGCCCATGCAGGG
 CTCATGCCATGAACCTTACACTCACAGTGTGAACGGACTAGTGTCTTCTGTTGGCCAAAGAGACTC
 TTGGCAGTGATACTGCAGCCATTGAGGAGGTGTACCACAGCAGCCTGGCCTCACTGAATGGGCTGGAAGT
 CCATCTGAAGGAGACTGCCAGAGATGAGACTAGCCACAGGTAGCACATACAACCTTCTGCATTAT
 GACCGCATCCAGAGCGTACTCTCAGCCAACTGCCCTGGTGGCTGCTCCCAGAACCGCGGTTTCTGC
 AGGCTGTCAACCTCATGCACTCCGACTTTCAGCCAGCTGCCTATGCTGTATGAGATGACCATCAGGAATGC
 CTCCACAGCTGTGTACGCTGCAGCAACCTGCCAGGAGACTACTTCCAGCAGCTGGCACCCACTGCC
 CGCAGCTCTGGTTTCCGAACCTCAGGATTGTGCCTTCAGCCTCTCGGGCAAAGCCAAGCAGAAGCTGC
 TGAAGCATGGGGTAAACCTGCT**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** Sgfl-Mlul
- ACCN:** NM_001107148
- Insert Size:** 1986 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).
- 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_001107148.3](#), [NP_001100618.2](#)

RefSeq Size: 2830 bp

RefSeq ORF: 1986 bp

Locus ID: 304555

Cytogenetics: 12q16