

Product datasheet for **RN201995**

Hps5 (NM_001135612) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Hps5 (NM_001135612) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Hps5
Synonyms:	Aa2-028; Ab1-018
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>RN201995 representing NM_001135612 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGACTTCTGTGCCCCTGATACCAGAAGCCTACAGCCATGTTCTTGCAGAGTTTGAGTCCTTGACCCGT
TACTCACAGCCCTGCGGCTGGACTCCAGTCGTCTGAAGTGTCCAGCATAGCTGTGTCTCGGAAATGGCT
GGCCTTAGGCAGCACAGGAGGAGGACTCAATCTCATTAGAAAGATGGCTGGAAGCAAAGGCTGTTCTC
TCCACCGGGAAGGGCAATCTCTCAGATTGCCTGCTGCTCATGATGATGATTATGTTGCCGTGGCTA
CCAGTCAAGGTCTGTAGTTGTTTGGGAATTAATCAAGAGCGTCGTGGGAAACCAGAGCGAATCCATGT
GTCCTCAGAACACAAAGGCCGAAAAGTTACCGCCCTTTGTTGGGACACAGCTGTCCTGAGAGTCTTTGTA
GGTGACCACGTGGGCAAAGTTTCTGCCATCAAACTCAATACTTTGAAACAAGCAAAGGCAGCTGCGGCCCT
TTGTGATGTTTCTGTCCAGACAATAAACAGTCGACTCCTGTGTCTGTCAGTTAGATTATTTGGATGG
AAGATTACTTGTGTCTTCACTGACTCGAACCTTCTGTGCGCACTGAGAGGGAAAAGTTTGGAAAGATT
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CTCTGATCTACTGTGCCCGCCAGGCTCCAGGATATGGGAAGTGAGCTTTGATGGGAAGTGCTCAGTAC
ACACCAAGTCAAGAAGCTCCTCTCAATGCCGCCCTTCTGTCTCACTGCAAGCTCGGAGCCTCAGTAT
GATCACGCAAGTTGGGTCCTCCAGTCTTATCGTTCCCAAACTCTTGCAATTTAGTGAACACTGTGTGC
TGACTTGGACAGAAAAGGGAATTTATATTTTCCTCAGAATGTTCAAGTCTTCTTTGGAGTGAAGT
CAAGGATATTCAGGATGTAGCTGTCTACAAGAATGAATTGTTCTGTTGCACTTTAATGGAAAAATCTCA
CATCTTTCCCTGTTGTCTGTGGAACGCTGTGTAGAACGCCTGTTAAGGAGAGGCCTGTGGGACCTGGCTG
CTCGCACATGCTGTCTTCCAAAACCTATTATTACCAGCAGAGGAAGAAAAACACTGTCTACAGATAA
ATTGGAGCATTTGAAATCTCAGCTGGACCTTACAGCCTGCAGTGAACATAATTTCTCAGCTGGAAGAAGTG
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TTAGCATCTTGGACTCTGGTATTTATCGTATCATCAGTAGTAGAAGAGGCAGTCAGTCCGACGAAGATTC
TTGCTCCCTTCACAGCCAGACCTTCTCAGAAGACGAGAGACTTAAGAATTTGCATCACACCAGGAAGAG



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GAGCAGCCAGAGCAGGGCTGTTGTGCAAACAGAAATGGAGACAGTGTTCACACAGTCCAATGATGTCTG
 AGATAGATAAGGGGAAGCGTTTCTGCCCTTCAACATTCCACTGCCATTCGTTCTCTTCTCCCCTCT
 GTCTCTTCAGGCTGTTAAGGACAGTGTTCCTAGCTTTGTGCGTAAGACTACTGAGAAGATTGGCACCCCTT
 CATGCAAGCCCAGAGCTGAAAGAGACATCGGAACCCAGGGATGCTGACCAAGTTCATGAAGAGGAAGTGA
 GTGCCGTACCTGCCCTCTGGAGGAGGACACTGAGGAGAAAGAAATCCATCAACCTCCTGAAGAAGACAG
 GCTTCAGGGAAGTACAGAGCAGCAGCAGAGCAGAGCAGTACCAAGTTACTGGACCCCTGGTTTTGTTTGA
 CCCAAGTTGCTAAGAGCGGTTTTACACGAGTGGCTTTACAGTTAGAAAAACATTTGCCATGAAAGGCT
 TTGCTGCCATTTCCAACACCAGCAGTCTACCCGAGAAATCGAACCTGGATACGCACCTCCTCGGTGAGTC
 AGAAAAAGAGTATTATGTGAAGAGAGTGGAGAAGAAAGAGGTACCTTAGGCACTGAAGAACCTGGC
 GGTGAGACAACCTGTGACTCTGTAAAGCAGCCTGAGTGAGCCCTCGGCCGACAGTTTTCAAGTCTGCCTC
 CTTACGCCATAGCAAACAGCCTTCAGAAGGACCTGGTGAATTGACAACGTTGTGCTTGGAACTGAACGT
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 CTGGCTTGTGCTTCTGAAGAAGTACTTTTTCTCCTGGACTTGAAAAGGGCAAAGGAGAGTGTCAAGC
 TTAGTCACTACAGCCCTGTGTTTGGGACACTTTTGTGAAGGACTAAAAGAAATGGCAAGTTCTACTCC
 TGCCTACATGGAGATGGGAGAAAGAGACCTGCCACCGGTTACAGTTGCTGGATGGCTCCGTCCCTTCC
 CATAGTCCCTGCTGATTGCCTTTGCCGCCCGGCTGTATGACAGATTTGGGGAGCCTGCCCTTCGAGCCT
 TGATCAAGTTTTACCCGTCCATCTCACCTCCGACATTGCGCAGCTTTGCCGTCGTCATCCGGCTCAGTT
 TTTGGCCTATCTGGACAGTCTGGTGAAGTCCAGGCCCGAGGACCAGTGGCCATCCTTCTTGAGTTCCCT
 CTACAACCAGAATCTTTAAGACTTGAATGGCTGCTTTTGGCAGTGTCCCATGATGCTCCACCAAGCACA
 GTACAGTGGATGATGAAGGACATCCAGGCCCATTCACACCTGCTTTCTTGGGGTTATAGCCAGCTGAT
 TCTTCTTCTGATTAACTTCTGCAGACTTTGCAACCAAGAGAAAAATGACTGACATCTGAGGTCTTAT
 GGTTCCTGGCCTGGATATCTTACCCTCTGTCTGGAGCTGGAGAGGAGGAGGGAGGCCTTACCAACATTG
 TGTATCTGAATGATGTCAGCCTGATGGAAGGGGACAATGGTGGATCCCTGAGACCTTGGAGGAATGGAA
 GCTTCTCTACATCTACTACAGAACAGAACACAAGGCCAGCTCCTCAGGAGTCACTAAATGGGAGCCTC
 AGTGATGGGCCTACCCCATCAATGTGGAGAATGTGGCACTCCTGTTAGCTAAGGCCATGGGCCAGATA
 GGGCCTGGTCACTGCTACAGGAGTGCAGTCTGGCCCTGAGTTGTGAGAAAAGTTTACCAGAACCTGTGA
 CATCCTGAGGATTGCTGAGAGAAGGCAGAGAGCGTGATACAAGGCATGCTTGAGAAGTGCAGCCGTTCT
 CTCTGGTCACAGCAGGCC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:

SgfI-MluI

ACCN:

NM_001135612

Insert Size:

3381 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_001135612.1, NP_001129084.1

RefSeq Size: 4641 bp

RefSeq ORF: 3381 bp

Locus ID: 308598

Cytogenetics: 1q22