

Product datasheet for **RN207569**

Hpx (NM_053318) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Hpx (NM_053318) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Hpx
Synonyms:	Hpxn
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN207569 representing NM_053318
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGGCTAGGACAGTAGTAGCACTAAATATCCTGGTATTGCTGGGCTGTGCTGGTCCCTGGCTGTTGCCA
ACCCTCTTCTGCTGCCATGAGACTGTTGCTAAAGGTGAAAATGGGACCAAGCCAGACTCAGATGTAAT
CGAACACTGCTCAGATGCCTGGAGCTTTGACGCTACCACCATGGATCACAATGGGACCATGCTGTTCTTT
AAAGGGGAGTTTGTGGAGGGGTCACTCAGGGATCCGGGAGTTAATCTCAGAGAGGTGGAAGAATCCCG
TCACCTCAGTGGATGCTGCATTCGTGGTCTGACAGTGTCTTCTGATCAAGGAAGACAAAGTCTGGGT
GTATCCTCTGAAAAGAAAGAGAACGGGTATCCAAAGTTGTTCCAAGAAGAGTCTCTGGAATCCCATAC
CCACCAGACGCAGCTGTGAATGCCACCGTGGAGAATGCCAGAGTGAAGGTGCTCTTCTTCCAAGGTA
ACCGCAAGTGGTCTGGGACTTTGCCACAAGAACCCAAAAGAACGTTCTTGGCCTGCTGTTGGGAATTG
CACTGCGGCTTGAGGTGGCTTGAACGCTACTACTGCTTCCAGGTAACAAGTTCCTGAGATTTAACCC
GTCACAGGAGAGGTGCCTCCAGATACCCTCTGGATGCCCGTACTTCAATATCTGACCTGGCAGAG
GCCATGGTAAACTAAGAAATGGAAGTGCATGGGAATAGCACCCATCCTATGCATTCGCGTTGTAAACGC
AGATCCTGGCCTGTGCTGACTGCTGTGACCATCGAGGTGCCACCTATGCCTTCAGTGGCTCCCACTAC
TGGCGTCTGGACTCCAGCCGTGATGGGTGGCATAGCTGGCCATTGCTCATCACTGGCCCAAGGTCCTT
CAGCAGTAGATGCTGCCTTTTCTGGGATGAGAAAAGTCTATCTGATCCAGGGCACTCAAGTATATGCTT
CCTGACGAAGGGGGCAATAACCTAGTAAGTGGTTATCCAAGCGGCTGGAGAAGAACTGGGAGCCCT
CCCGGGATCAGCCTTGATACCATAGATGCAGCCTTTTCTGCCCTGGTTCTTCCAAGCTCTACGTCACAT
CAGGACGGCGGCTTTGGTGGCTGGACCTGAAGTCAGGAGCCAGGCGACATGGGCAGAGCTTCTGCGCC
CCATGAGAAAAGTTGATGGTGCCTGTGTTGGAAAAGTCCCTTGGTCCCTACTCATGCTCTTCCAATGGT
CCCAACTTGTCTTTATCCATGGCCCAATTTATACTGCTATAGCAGTATAGACAAACTGAATGCAGCCA
AGAGTCTGCCTCAGCCCCAGAAAGTGAACAGCATCCTTGGCTGCAGTCAATAA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_053318

Insert Size: 1383 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_053318.1](#), [NP_445770.1](#)
RefSeq Size: 1484 bp
RefSeq ORF: 1383 bp
Locus ID: 58917
UniProt ID: [P20059](#)
Cytogenetics: 1q32
Gene Summary: a heme binding globulin protein [RGD, Feb 2006]