

Product datasheet for **RN204407**

Hexa (NM_001004443) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Hexa (NM_001004443) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Hexa
Synonyms:	MGC95289
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN204407 representing NM_001004443
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGGCCGGCTGCAGGCTCTGGGTTTCGCTGCTGCTGGCGCGCGGTTGGCTTGCTTGCCACGGCGCTGT
GGCCCTGGCCCCAGTACATCCAAACCTCCACCGGCGCTACACCCTGTACCCCAACAACCTCCAGTTCGG
GTACCATGCCGGTTCGGCCGCGCAGGCGGGCTGCGTTGTCTCGACGAGGCCCTTCGACGCTACCGTAGC
CTGCTCTTCGGTTCGGCTCTGGCCCCAGCCAGCTTCTCAAAAAACAGCAGCCGTTGGGAAGAACA
TTCTGATGGTCTCTGTCGTACAGCCGAATGTAATGAGTTTCTAATTTGGAGTCCGTAGAAAATTACAC
CCTAACCATTAATGATGACCAGTGTACTCTCTCTGAGACTGTCTGGGCGCTCTGCGAGGTCTGGAG
ACTTTCAGTCAGCTTGTGGGAGTCAGCTGAGGGCACGTTCTTATCAACAAGACAAAGATTACAGACT
TTCTCGATTCCCTCACCAGGGCATACTGCTGGATACATCTCGCCATTACCTGCCGTTATCTAGCATCCT
GAACACACTGGATGTCATGGCGTACAATAAATCAACGTGTTCCACTGGCACTTGGTGGAGCACTTTCC
TTCCCATACGAGAGCTTACCTTCCAGAGCTCACCAGAAAGGGGTCCTTCAACCCTGTTACCCACATCT
ACACAGCACAGGATGTGAAGGAGGTCATTGAATATGCAAGGCTTCGGGGTATCCGAGTGTGGCCGAATT
TGACACTCCTGGCCACACTTTGCTGCTGGGGGCGAGGTGTCCTGGATTATTAACACCTTGCTACTCTGGG
TCCCGTCTCTGGCACCTATGGACCTGTGAACCCAGCCTCAACAGCACCTACGACTTCATGAGCACAT
TCTTCTGGAGATCAGCTCTGTCTTCCCTGACTTTTATCTCCACTGGGAGGAGATGAAGTTGACTTCAC
CTGCTGGAAGTCCAACCCCAACATCCAGGCTTTCATGAAGAAAAGGGCTTTACTGACTACAAGCAGCTG
GAGTCATTCTACATCCAGACGCTGCTGGACATCGTCTCTGATTATGACAAGGGCTATGTGGTGTGGCAGG
AAGTATTTGATAATAAAGTGAAGGTTTCGGCCAGACACAATCATAACAGGTGTGGCGGAAGAGATGCCGGT
CCAGTACATGAAGGAGATAGAGGCCATCACCCAGGCTGGCTTCGGGGCCCTGCTGTCTGCTCCCTGGTAC
CTGAACCGGGTGAAGTATGGCCCTGACTGGAAGGAAATGTACAAAGTGGAGCCCTGGCATTTCGTGGTA
CACCTGCACAAAAGGCTCTGGTCAATGGAGGGGAGCCTGTATGTGGGAGAGTATGTGGACAGCACAAA
CCTTGTCCCAGGCTCTGGCCAGAGCAGGTGCCATTGCCGAAAGACTGTGGAGCAGTAACCTGACGACT
AATATGGACTTTGCCTTTAAACGTCTGTCCATTTCCGCTGTGAGCTGCTGAGGAGAGGAATCCAGGCC
AGCCCATCAGCGTGGGCTACTGTGAGCAGGAGTTTGGCATACT**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-Mlul

ACCN: NM_001004443

Insert Size: 1587 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_001004443.1](#), [NP_001004443.1](#)

RefSeq Size: 1779 bp

RefSeq ORF: 1587 bp

Locus ID: 300757

UniProt ID: [Q641X3](#)

Cytogenetics: 8q24

Gene Summary: mouse homolog is the alpha subunit of lysosomal beta-hexosaminidase A [RGD, Feb 2006]