

Product datasheet for RN205625

Xpo1 (NM_053490) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Xpo1 (NM_053490) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Xpo1
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>RN205625 representing NM_053490 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGCCAGCAATTATGACAATGTTAGCAGACCATGCAGCCCGTCAGCTGCTTGACTTCAGCCAGAAGCTGG
ATATCAACCTTTTAGACAATGTGGTGAAGTCTGTACCACGGGAAGGAGCCAGCAGAGAATGGCTCA
AGAAGTACTGACACATCTAAAGGAGCATCTGATGCCCTGGACGCGCTGCACACCATTTTGGAGTTTTCG
CAGAACATGAACACAAAATACTATGGACTACAGATTTTGGAAAATGTGATCAAAAACAAGGTGGAAGATCC
TTCCAAGGAACCAAGTGTGAAGGAATAAAAAATACGTTGTTGGTCTCATCATCAAGACATCCTCTGACCC
AACTTGTGTAGAGAAAAGAAAAGGTGTATATTGGGAAGTTGAATATGATTCTTGTTGAGATACTTAAGCAA
GAGTGGCCCAAACATTGGCCAACTTTTATCAGTGACATTGTTGGAGCAAGTAGGACCAGTGAAAGCCTAT
GTCAAAAATAATGTTGATTCTTAAACTCTGAGTGAAGAAGTGTGTTGATTTCTCTAGTGGACAGATAAC
CCAAGTTAAAGCCAAGCATTAAAAGACAGCATGTGCAATGAGTTTTACAAAATATTCCAGCTTTGCCAG
TTTGTGATGGAAAACCCAGAATGCTCCCTTGTACATGCTACATTAGAAAACGCTGCTGAGATTTCTGA
ACTGGATTTCCCTGGGATACATCTTCGAGACTAAGTTAATCAGCACCTTGATTTACAAGTTCCTGAATGT
TCCGATGTTCCGAAACGTGTCTCTAAAGTGCTCACGGAGATTGCTGGTGTGAGTGTGAGCCAGTATGAG
GAGCAGTTTGAAACTCTGTTTACACTTACAATGATGCAGCTAAAACAGATGCTTCCTTTAAACACTAATA
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CACCTTCTAAAGGAGCATGGTCAACTTCTAGAGAAAAGGCTGAATCTCAGGGAAGCACTCATGGAGGCT
CTTCATTACATGTTGTTGGTGTCTGAAGTGAAGAAAAGTAAAATTTTAAATCTGTCTTGAGTACTGGA
ATCACTTGGCAGCTGAGCTCTACAGAGAGAGTCCATTTTCTACATCTGCTTCTCCATTGTTATCTGGAAG
TCAGCACTTTGATTTCTCCTCGGAGACAGCTGTACTTGACCGTGTATCCAAGTTTCGTTTATTTGATG
GTTAGTGCATGGCTAAACCAGAGGAGTACTGGTTGTAGAAAATGATCAGGGAGAAGTTGAAGAGAGT
TCATGAAGGATACTGATTCATAAATTTGTATAAGAATATGAGAGAAACATTAGTTTATCTTACCCATCT
GGATTATGTAGATACGGAATAAATAAGTACTAAGAAAATCAAAATCAAGTGAATGGTACAGAATGGTCA
TGGAAAAATTTGAATACTGTGCTGGGCAATAGGCTCCATCAGTGGGGCGATGCACGAGGAGGATGAGA
AGCGGTTCTTGTCACTGTTATCAAGGACCTCTTAGGATTATGTGAGCAGAAGAGAGGCAAGGATAATAA
AGCCATCATTGCATCGAATATCATGTACATAGTAGGCCAGTACCCACGGTTTCTGAGAGCACACTGGAAA



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TTTTGAAGACAGTAGTAAACAAGCTTTTCGAATTCATGCATGAAACCCATGATGGAGTCCAGGACATGG
 CTTGTGACACATTTATTTAAAATAGCTCAAAAATGCCGTAGACATTTTGTTCAGGTTCAAGTTGGAGAAGT
 AATGCCGTTTATTGATGAGATTTTAAACAACATAAATACTATAATTTGTGATCTTCAGCCTCAGCAGGTT
 CATACCTTTTATGAAGCAGTGGGGTACATGATTGGTGCACAGACAGACCAGACAGTTCAAGAGCATTGGA
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 TCAGTGAACATTTCTGCAGCCATTCAAGCTAACGGTGAGATGGTTACAAAGCAACCACTGATTAGAAG
 TATGCGAACAGTAAAAAGGAAACTTTAAAGTTAATATCTGGTTGGGTGAGCCGTTCCAATGATCCTCAG
 ATGGTAGCTGAAAACCTTTGTTCCCTCTGTTGGATGCGGTTCTTATTGATTACCAGAGAAAATGTTCCAG
 CTGCTAGAGAGCCAGAAGTGCTCAGTACTATGGCCATTATTGTCAACAAGCTCGTGGACATATAACAGC
 TGAAATACCTCAGATTTTGTGACGTTTTTGTGACATTGAATATGATAAATAAGGATTTTGAAGAG
 TATCCAGAACACAGAACCAACTTTTCTGTTACTTCAAGCTGTCAATTCTCACTGTTTCCAGCATTCC
 TTGCTATCCACCTGCCAGTTCAAGCTGTTTTGGATTCTATTATTTGGCTTTTAAACATACTATGAG
 GAATGTGCGAGATACAGGCTTACAGATACTTTTACACTTTTACAAAATGTTGCACAAGAAGAAGCTGCA
 GCGCAGAGTTTTTACCAACGTACTTTTGTGACATTCTTCAGCATATCTTTCTGTTGTGACAGACACCT
 CACATACTGCGGGTCTAACAAATGCATGCATCAATTCTCGCATATATGTTTAAATTTGGTTGAAGAAGGAAA
 GATAAGCACACCCTAAATCCCGGAAGTCCAGTTAGCAACCAGATGTTTATTCAAGACTACGTGGCTAAT
 CTCCTTAAGTCTGCGTCCCTCACCTACAAGATGCTCAAGTAAAGCTCTTTGTGACAGGACTTTTTCAGCT
 TAAATCAAGATATTCTGCTTTTCAAAGAACATCTAAGGGATTTCTTAGTTCAAATAAAGGAGTTTGCAGG
 TGAAGACACATCGGATCTATTTTGAAGAGAGAGAAACAGCTCTTCGACAGGCTCAGGAGGAGAAAACAT
 AAATTTCAAATGTCTGTACCTGGAATCCTTAACCCACATGAAATCCAGAAAGAAATGTGTGACTAA

ACGCGTACGCGCGGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM_053490
- Insert Size:** 3216 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_053490.1](#), [NP_445942.1](#)
- RefSeq Size:** 3216 bp
- RefSeq ORF:** 3216 bp

Locus ID: 85252

UniProt ID: [Q80U96](#)

Cytogenetics: 14q22

Gene Summary: binds human T-cell leukemia virus type 1 Rex protein and exports it to the cytoplasm; however, does not have strong Rex protein cofactor activity which may account for poor replication of HTLV-1 in rats compared with humans [RGD, Feb 2006]