

Product datasheet for RN207439

Xpo5 (NM_001108789) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Xpo5 (NM_001108789) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Xpo5
Synonyms:	Exp5; RanBp21
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>RN207439 representing NM_001108789 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGAGATGGAGCAAGTGAACGCGCTGTGCGAGGAGCTAGTGAAGCGGTGACGGTCATGATGGACCCCA
GCTCTACCCAGCGCTACCGGCTGGAAGCCCTCAAGTTTTGTGAAGAGTTTAAAGAAAAGTGCCTATCTG
TGTCATGTGGCTTGAAGTTGGCCGAAAAACACAAATTGCCATCGTCAGACATTTTGGCCTTCAGATC
CTGGAACACGTTTCAAGTTTCGGTGAACAGCATGTCTCGATTGGAGAAGGTCTACCTGAAGAACAGTG
TCATGGAGCTGATTGCAATGGAACACTGAGCATTGGAGGAGGAGAACCATATTAAGATGTTCTGTG
TAGAATTGGTGGAGATGATCAAGCGAGAGTGGCCTCAGCACTGGCCTGACATGCTCATGGAGTTGGAC
ACTCTCTCCAGGCAAGGGGAAACACAGAGGGAATTGGTGTGTTTCATCCTTTTGGCGACTGGCTGAGGATG
TAGTGACCTTTCAGACTGCCACTCAAAGAAGAAGGGATTCAGCAAACGTTAACACAGAACATGGA
AAGAATCTGAATTTTCTACTCAGTACACTTCAGGAAAATGTAACAAGTACCAGCAAATGAAGACAGAT
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ACATTGACTGGGTGCTTTGAATCACATTACTGCTGAGAACTGTAAGCTGGTGGAAACTCTGTGCCTGCT
TCTCAATGAGCAGGAGCTGCAGTTGGGAGCCGCTGAGTGTCTTCTCATTGCAAGTCAGCAGAAAAGGCAAG
CTGGAGGACCGGAAGCGCTTGATGATCTTGTGGGACGTGGCCATGCACTATGTTCTCTCCGCCGCAC
AGACTGCTGATGGAGGAGGCTTGGTGGAAAAACTACCTCTTCTGAAGAGACTTTGTGAGGTGTTGTG
TGCTCTGGGAAATCTGCTGTGTGCACTGCTGGCCTTAGATGCTAACATACAAACCCGGTAAACTTTGGA
ATGTACCTGGAGTCTTTCTGCTTTCACAACCCACCAAGTCAAGTCTTCTACGCTCTTCAACCCATATGA
CGTGGGAGCCCTCTCAGGCATGAAGTCTGTCCGGGATCCGTCGCTGTTAGCGGTGATACCAAATA
TCTTCGTGCTTATGACGAACCTGGTCAAGATGGTTTTCTTCCAAAACAGACAGCCCGAGCTGTGAA
TATTCGGTGGTACTTTGACAGTGATGAGGACTTCAATGCTTTCTTCAACTCCTCCGAGCCAGCATG
GAGAGGTGGTGGGTGCGTGTGTCGACTGGATCCTAAGACTAGCTTCCAGATGGCCGAGAGTGGCTCAA
GTATCAGCTGTCAGCTGCTATTGACACTGGACCTGGAACATGTTCTACAGCTGGAACCTGGAGAGGGA
GGCTTCTGCTCCATCTTCTCACCTTCATACGTGCAAGTGGGAAGCCATGACTTTTTTTTTGGAAAGTGTGA



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TCAACCAGATGTTTCGAACACTAGAGAAAGAAGAGCTCCCGTAAATGAGGGGATAGAGCTGCTGCAGCT
 GGTTTTGAACTTTGAGATGAAGGATCCCCTCATCTGTCTGTCTCCTACCAATGTCTCAGCACTCTTT
 CCATTTGTACATACAAGCCTGCCTTCTTGCCCCAGGTCTTCTCGAAGCTCTTTTCATTTGCACTTTTG
 AATCTGTTGGGAAAAGTAAGGCCCCAGGACTCGGGCAGTCAGGAATGTAAGGAGACATGCGTGTTCCTC
 CATCAACAAGATGTGTCGAGACTACCCAGACCTTGTCTGCCCAATTTTGACATGCTTTATAGCCATGTG
 AAGCAACTCCTCTCCAATGAGCTCCTCTGACCCAGATGGAGAAGTGTGCTCTCATGGAAGCCCTGGTTC
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 CAACATCTGGCTCTCTGAAGAAATGTGCAGAGCACTGTCAGATATTGACGCCCTTCATTGCCATGTGGGT
 GCTGATCTGAAGAGCTGTGACCCGGCTGCGCAGGACCCGTGTGGCTTGAACCGTGACGAATGAGCTTTT
 GTGTGTACAGCATCCTGGGGTTATGAGACGAACTACCTGGCCTTCCGACCTAGAAGAAGCCAAAGCTGG
 GGGGTTCTGGTGGGTTATACACCCAGTGGGAATCCAGTCTTCCGTAACCCCTGCACAGAGCAGATCCTC
 AGACTTCTCGACAATTTGCTTGCCTCGTAAGAACTCACAATACTTTATATACACCGGAGATGCTAACCA
 AAATGGCAGAGCCTTTCACCAAGGCTCTGGATATTGTTGAATCTGAAAAACGGCAATATTAGGATTACC
 TCAGCCTCTCTTGAAATCAATGACCACCCTGTCTATAGAACCATTTTGAAAGAATGCAGCGGTTCTTC
 GGCATCCTCTATGAAAAGTGTACCACATCCTAGGGAAGGCAGGCCCTTCCATGCAACAAGATTTCTACA
 CTGTGGAGGACCTTGCTACCCAGCTCCTTGGTTACGCTTTTCGTAACCTGAAACAATTCCTGACTCCG
 GCTCAGATCTATGCTTCGTGTCTTCGTGAAGCCCTCGTGTCTTCTGCCCCCGAAGCACTATGAGACC
 CTGATATCTCCATCCTTGGACCGCTTTCACCTACCTTACATGAGGCTTTCTCAGAAGTGGCATGTCA
 TCAACCAGAGGAGTGTCTGTGTGGAGAAGATGAGATTGAGAGGACAACCCCGAATCTCAAGAAATGCT
 GGAGGAACAGCTGGTGGAGATGTTAACCCGAGAAGTCAATGACCTAATCATGGCTTGTGTGTCAAAG
 AAGACTGCCGAGCACACTGCCACTCCACTGCGGATGGAGACGACGAGGAGATGATGGCCACCGAAGTAG
 CCCCTTCGTCTGTTGTGGAGCTCACAGACCTGGGCAATGCCTGATGAAGCATGAGGATGTTTGCACGGC
 ACTGTTGATCACAGCATTAAATCCCTGACCTGGAAGGATACCTGTCTTGCCAGAGGGCGACCACACAG
 CTCTGTTGGCCTCTCCTCAACAGGTGATGTCTGGGACCCTGCTCGCAGATGCCGTACGTGGCTTCTCA
 CCAAGTGTCTGAAAGGGCTGAGATGCATGGGCAACACGACGGGTGCATGGCTTCCCTGGTCCACTTGGC
 CTTCCAGATATACGAGGCACTGCGCCCCAGGTACCTAGAGATAAGAGCAGTAATGGAGCAGATCCCTGAA
 ATAACAAGGAGTCTCTGGACCAATTTGACTGCAAGCTTCTAAACCCCTCCCTTCAAAAAGCAGCTGATA
 AACGACGGAAGGACCACTTCAACGCCTCATCGCTGGCTGCATTGGGAAACCCCTGGGAGAACAGTCCG
 AAAAGAAGTCCACATTAAGAACCTTCCCTGGCTTTTCAAAAAATCCAACCAATGCTGGAGACAGAAGTG
 CTGGACAGTGAGGAGGTGGACTGGCCACCATCTTTGAACCTGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:

Sgfl-Mlul

ACCN:

NM_001108789

Insert Size:

3615 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_001108789.3](#), [NP_001102259.2](#)

RefSeq Size: 4927 bp

RefSeq ORF: 3615 bp

Locus ID: 363194

Cytogenetics: 9q12