

Product datasheet for MC223636

Xpo6 (NM_028816) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Xpo6 (NM_028816) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Xpo6
Synonyms:	2610005L19Rik; AL022631; C230091E20Rik; mKIAA0370; R75304; Ranbp20
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>MC223636 representing NM_028816 Red=Cloning site Blue=ORF Orange=Stop codon

TTTGTAAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCCGCATCGCC

ATGGCATCAGAAGAAGCCTCCCTCAGGGCGTTGGAAAGCCTGATGACGGAATTTTCCATGACTGCACAA
 CCAATGAAAGGAAGCGGGAGATAGAGGAGCTTCTTAATAACTTTGCCAGCAAGTAGGAGCTTGGAGATT
 CTGCTTATATTTCTGTCCAGCACAAGGAATGACTATGTAATGATGTACAGCTTAACGGTTTTGAGAAT
 CTAATCAATAAAATGTGGCTTGGGTCCCATCTCAGGATAAGATGAAATCCGTAGCTGCTTGCCCAAC
 TTCTCTTGGCTCACCATAAACCTTACCTTACTTTATTCGGAATAAACTCTGCAAAGTTATCGTTGATAT
 TGGACGCCAAGATTGGCCATGTTCTACCATGACTTTTTCACTAACATTTACAGTTGATCCAGTCCCT
 GTGACAACCCCCCTTGGACTGATCATGTGAAGACAACCTCGGAAGAGCTAGCTTGTCACGTGAGGACC
 TCAGCGTGGCTCGGAAGGAGGAGTTGCGGAAGCTGCTGCTGGACCAGGTGCAGACAGTGCTTGGGCTCTT
 GACAGGTATCTTGAAACTGTCTGGGACAAACACAGTGTTACTGCTGCCACCCACCACCATCCCCGACG
 TCAGGAGAAAGTGGTGATTTACTGAGTAACCTGTTGCAGAGTCTAGTTCAGCCAAACTGCTGCACCAGC
 CCATCCCCATCCTGGATGTGGAGAGTGAGTATGTCTGTTCCCTGGCCTTGGAGTGCTGGCCACCTCTT
 CAGTTGGATTCTCTGTCTGCCAGCATACCCCATCCCTCCTCACCCTATCTTCCACTTTGCTCGATT
 GGCTGCGATACCCGGGCCAGAAAGATGGCATCAGTGAATGGCAGCAGCCAGAAGTGTGTTTGGGTCAGG
 AGCGTGGCCGACTTGGGTCTTGGCCATGTCCTGCATCAATGAATCATGTCCAAGAACTGTGTGCCTAT
 GGAATTTGAGGAATACTTATTGCGAATGTTTCAACAAACCTTCTACCTCTGCAAAAAATCACCAAGGAT
 AACAAATGCCACACGGTGAAGAGCAGGCTAGAGGAACTCGATGAGAGTTACATTGAGAAGTTTACTGACT
 TCCTGCGGCTCTTGTGAGTGTTACCTAAGAAGAATCGAGTCTATTCCAGTTCGCGTGGTGGAGTT
 CTTGACCTTCTGTTCAAGTACACGTTTTCATCAGCCTACTCATGAAGTTTACTTCTTGTGTTGGATATC
 TGGACTGTGTTTGGACTATCTGACAAGTAAATTTAAAGTCGCTCGGAGACAAGGAAGCAGTTCTCA
 ACAGGTACGAAGATGCTCTGGTCTCTGCTTACAGAGGTGTTGAATCGAATCCAGTTGAGATACAACCA
 GGCCCACTCGAGGAGCTGGATGATGAGACCCTGGACGACGATCAGACAGAGTGCCAGCGGTACTTACGC


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CAGAGCTTGGAGGTCGTGGCCAAAGTGATGGAGCTCCTTCCCACACACGCCTTCTCAACCCTGTTCCAG
 TTCTTCAGGACAATTTAGAAGTTTATTTGGGATTACAGCAATTTGTAGTTACTTCGGGGTCAGGACACAG
 GCTGAACATCACAGCGGAGAACGACTGCCGGCGTTTGCAGTGTCCCTGCGAGACTTGAGCTCCCTGCTG
 CAGGCTGTGGGCCGATTAGCTGAATACTTCATTGGGGATGTGTTTGCTGCAAGGTTCAATGATGCTCTCA
 CAGTTGTGGAGAGGTTGGTCAAAGTTACTCTGTATGGATCTCAGATAAACTGTACAACATTGAAACAGC
 TGTGCCATCAGTGTTGAAACCCGACCTCATTGATGTGCACGCTCAGTCACTTGCGGCTCTCCAGGCCTAC
 TCCCACTGGCTGGCGCAGTACTGCGGTGAAGCCATCGACAGAACACACAGCAGTTTGTGACACTCATCT
 CTACCACAATGGAGGCCATCACACCTCTCATCAGCACCAAGGTCCAAGACAAGTTGCTGCTGTCTGCGTG
 CCACCTACTGGTCTCACTAGCCACCACCGTGGCGCTGTCTTTCTGATCAGTATCCCTGCAGTGCAGAAG
 GTGTTCAACAGCATCATTGATGCCTCTGCCAGCGTCTAACAGATAAGGCGCAGGTGTTGGTTTGCCGTG
 CACTTTCTAATACCTTGCTCCTTCCATGGCCAAATCTTCTGAGAGTGAGCAGCAGTGGCCTCTGCGCTC
 GATCAACCATGCCAGCCTCATCTCTGCACTCTCCCGGACTACCACAGCCTGAAGCCAGTGCTACTGCC
 CCCAGAGAAAGGTGCCACTTGGTGACACCAAAGTGATTATTCACAGACACTTAGTGTCTTGAAGATA
 TCGTGGAGAATATTTCTGGGAATCCACCAAGTCTCGACAGATCTGCTACCAGTCACTGCAGGAATCTGT
 TCAGGTCTCCCTGGCCCTCTTTCAGCTTTTATCCATCAGTCAGATGTGACTGACGAGATGCTGAGCTTC
 TTCTCACCCTTGTTCCGAGGCCCTTCGAGTACAGATGGGCGTGCCGTTACAGAGCAGATCATACAGACTT
 TCCTCAACATGTTTACCAGAGAACAGTTGGCTGAGAGCATCCTCCATGAAGGCAGCACTGGCTGCCGGGT
 GGTGGAGAAGTTCCTGAAGATCCTACAAGTGGTGGTTCAGGAGCCTGGCCAGGTGTTCAAGCCCTTCCTC
 CCCAGCATTATCGCGCTGTGCATGGAGCAAGTGTACCCCATCATTGCTGAGCGCCCGTCCCTGATGTCA
 AGGCTGAGCTGTTTGAGCTCCTCTTTCGAACGCTCCATCACAACCTGGCGGTACTTCTTCAAGTCCACTGT
 CCTCGTAGCGTGCAGAGGGGCATCGTGGAGCAGATGGAGAATGAGCCCCAGTTCAGTGCCATCATG
 CAGGCTTTTGGACAGTCCTTTCTTCAGCCTGACATCCACCTGTTCAAACAAAATCTTCTACTTTGGAGA
 CTCTGAACACGAAGCAGAACTATACCACAAAAGATCTTCCGGACCACCATGCTGTTCCAGTTCGTGAA
 CGTGCTGCTCCAGGTCTGGTTTATAAGTCTCATGACCTTCTGCAGGAGGAGATCGGCATTGCCATTTAC
 AACATGGCTTCTGTGCACTTTGATGGCTTCTTTCAGCCTTTCTTCCAGAGTTCCTGACTAGCTGTGATG
 GTGTGGATGCCAATCAGAAAAACGTTCTGGGGCGGAATTTCAAGATGGATCGGGACCTACCATCGTTTAC
 CCAGAATGTGCACAGGCTGGTAAATGATCTCCGTTACTACCGACTCTGCAATGACAGCCTGCCCCCTGGC
 ACCGTGAAGCTC**TAG**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:

Sgfl-MluI

ACCN:

NM_028816

Insert Size:

3375 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.
Note:	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
RefSeq:	<u>NM_028816.2, NP_083092.2</u>
RefSeq Size:	4493 bp
RefSeq ORF:	3375 bp
Locus ID:	74204
UniProt ID:	<u>Q924Z6</u>
Cytogenetics:	7 F3
Gene Summary:	Mediates the nuclear export of actin and profilin-actin complexes in somatic cells. [UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (2) uses an alternate in-frame splice site in the 3' coding region compared to variant 1. The encoded isoform (2) is shorter compared to isoform 1.