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Product datasheet for MR211663

Xpo6 (NM_028816) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Xpo6 (NM_028816) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Xpo6
Synonyms:	2610005L19Rik; AL022631; C230091E20Rik; mKIAA0370; R75304; Ranbp20
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)

ORF Nucleotide Sequence:

>MR211663 representing NM_028816
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGGCATCAGAAGAAGCCTCCCTCAGGGCGTTGGAAAGCCTGATGACGGAATTTTTCCATGACTGCACAA
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CAGAGCTTGGAGGTCGTGGCCAAAGTGATGGAGCTCCTTCCCACACACGCCTTCTCAACCCTGTTCCCAG
TTCTTCAGGACAATTTAGAAGTTTATTTGGGATTACAGCAATTTGTAGTTACTTCGGGGTCAGGACACAG
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Protein Sequence:

>MR211663 representing NM_028816
Red=Cloning site Green=Tags(s)

MASEEASLRALESLMTEFFHDCTTNERKREIEELLNNFAQQVGAWRFCLYFLSSTRNDYVMMYSLTVFEN
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VTTPLGLIMLKTTSEELACPREDLSVARKEELRKLLLDQVQTVLGLLTGILETVWDKHSVTAATPPPSPT
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WTLFLDYLTSKIKSRLGDKEAVLNRYEDALVLLLTEVLNRIQFRYNQAQLEELDDETLDDDQTEWQRYLR
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TVKL

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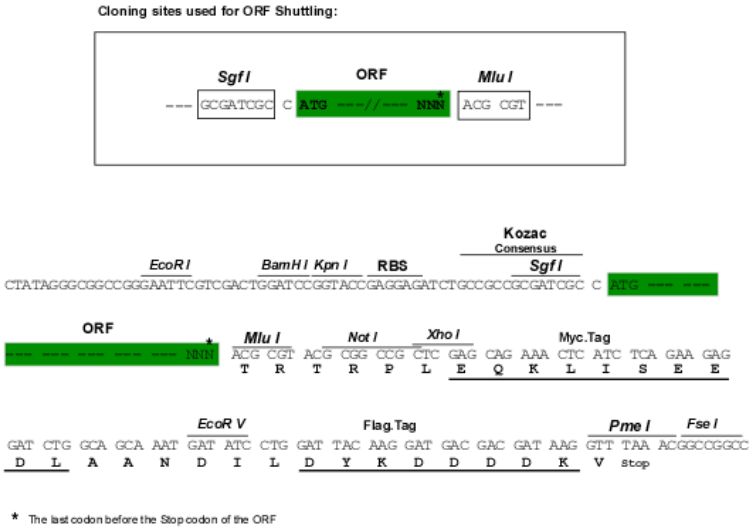
Chromatograms: https://cdn.origene.com/chromatograms/mm9090_h04.zip

Restriction Sites: SgfI-MluI

Cloning Scheme:

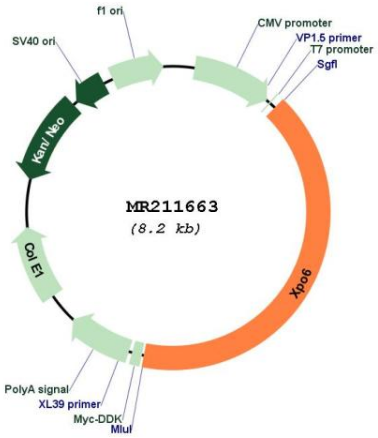


ACCN: NM_028816

ORF Size: 3372 bp

OTI Disclaimer:	The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. More info
OTI Annotation:	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
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:	NM_028816.3
RefSeq Size:	4493 bp
RefSeq ORF:	3375 bp
Locus ID:	74204
UniProt ID:	Q924Z6
Cytogenetics:	7 F3
MW:	128.5 kDa
Gene Summary:	Mediates the nuclear export of actin and profilin-actin complexes in somatic cells. [UniProtKB/Swiss-Prot Function]

Product images:



Circular map for MR211663