

Product datasheet for MC223602

Ranbp6 (NM_177721) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Tag:	Tag Free
Symbol:	Ranbp6
Synonyms:	C630001B19
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>MC223602 representing NM_177721 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGGCGCGCGCGGGTCTGCAGGGTTGCCGGCAGCCGTGTCGAAAAGCAGGAGTTTACCAGCTTCTGA
AGAACCTGATCAATCCAAGCTGCATGGTGCAGGCAAGCCGAGGAGGTCTATGAGAATATCCCAGGTCT
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GCCGCACTGCTACGACGGCTTTTGTCTCAGGGTTTGAGGAGGTCTATCCAAATCTACCTCCTGAAGTGC
AGAGGGATGTCAAGATTGAACTGATACTGGCCGTTAAGTTAGAAACACATGCTAGCATGAGGAAAAAGCT
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AGTTGGCCTTAGAACAACTTGTGACAACCATGCTTCCGTTGCAGATGCAATAGAAGAAAGCTTTATTCC
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TCAGACTTCTTACATGGTTTCAGCCTGGGCTAGAATGTGAAAAATCCTTGGCAAAGACTTTGAGCAATAT
CTCCCACTGGTTATTGAGCCACTTATCAAGACTGCTTCAGCTAAGCCTGATGTCGCTCTCTAGACACAC
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AAATTTTGCCATGGTTTGAAGCAGCTACTCCCACTAATTGTAATCTAATTTGTTCAAGTAGGCCATGGCC
AGACAGACAATGGGACTATGCATATTTGATGACATCATAGAGCATTGCAGTCCAACCTCATTCAAGTAT
GTTGAGTATTTCCGGTGGCCGATGCTTCTCAATATGCGAGACAACAACCTGAAGTCAGACAAGCTGCTG
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ACTCTTGGTAAAAAGTTATTAAGTGTGCAATTTCAAAACCAAAAAAGAAATGTGATTGCTACAGAGAAGTGT
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AATTGAAAGCAACCACCCAGTTGTGATTGGTCCAAATAATTCCAATCTCCCAATCATCAGTATAATC
GCAGAAGGAAAAATTAATGAACTATTAGCCATGAAGACCCCTGTGCCAAACGCCTAGCTAATGTTGTCC
GTCAGATACAGACTTCTGAAGAATTGTGGTTGGAATGCACATCTCAACTCGATGATGAGCAGCAGGAAGC
TTTACATGAGTTACTCAGTTTGTCTGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:

Sgfl-Mlul

ACCN:

NM_177721

Insert Size:

3318 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_177721.4, NP_808389.2</u>
RefSeq Size:	4867 bp
RefSeq ORF:	3318 bp
Locus ID:	240614
UniProt ID:	<u>Q8BIV3</u>
Cytogenetics:	19 C1
Gene Summary:	May function in nuclear protein import as nuclear transport receptor.[UniProtKB/Swiss-Prot Function]