

Product datasheet for **RN205782**

Ranbp6 (NM_001107584) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Ranbp6 (NM_001107584) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Ranbp6
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>RN205782 representing NM_001107584 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGCATCGCC**

ATGGCGGCGGCCGGGTCTGCAGGGTTGCCGGCGACCATATCGGATAAGCAGGAGTTTTACCAGCTTCTGA
AGAACCTGATCAATCCAAGCTGTATGGTGCGGAGGCAAGCCGAGGAGGTCTATGAGAATATCCCAGGTCT
GTGTAAGACTACATTCCTCTTAGATGCCGTCCGAAATAGAAGAGCAGGTATGAGGTGAGACAAATGGCT
GCCGCACTGCTACGACGGCTTTTGTCTCTGGGTTTGAGGAGGTCTATCCAAATCTACCTTCTGAAGTGC
AGAGGGATGTCAAGATTGAAGTGAATTTGGCCGTTAAGTTAGAAACACATGCTAGCATGAGGAAAAAGCT
TTGTGATATTTTTGCGGTGCTGGCCAGGAATTTGATAGATGAGAATGGCACTAACCATTGGCCGAAGGT
CTGAAATTCCTCATTGATTCGATCCACTCTAAAAATGTGGTTCTGTGGGAAGTTGCACTTCACGTTTTCT
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CCAAGGGTAAGGGCTGCTGCCTGTAACACTTGGACAGATGGCTACAGATTTTGACCTAGTTTCCAAA
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GAAAAATATGGTAAAAAGTCTCCAATCCATCTTGGTAATTAACCTCAAGAGCTGATTCGGAATGGAACCA
AGTTGGCCTTAGAACAACTCGTGACAACCATTGCCTCGGTGGCAGATGTAATAGAAGAAAACCTTTATTCC



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ATATTATGATATATTTATGCCCTCACTCAACACGTTGTTGAGCTCGCTGTTCAAAAGGAACTTAAGCTT
CTTCGAGGAAAACTATTGAGTGCATTAGCCATGTTGGACTGGCTGTGGGGAAGGAAAAATTTATGCAAG
ATGCATCGAATGTGATGCAGATACTGTTGAAGACACAATCAGACTTAAATAACATGGAAGAAGACGACCC
TCAGACTTCTTACATGGTTTCAGCGTGGGCCAGAATGTGAAGATCCTTGGAAAAGACTTTGAACAATAT
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AGAGTATCTTTCACAGATGTGGCAGTTTATATGTGATCCCTTAATCAAGGCGATTGGAACCGAACCCGAC
ACAGATGTGCTCTCAGAAATAATGAATCTTTTGCCAAGTCCATTGAGGTAAATGGGAGATGGTTGTCTCA
ACGATGAACACTTGAAGAGCTGGGAGGAATTTGAAGGCAAACTTGAAGGGCACTTTAAAAACCAAGA
GTTACGGCAAGTAAAAAGGCAAGAAGAAAATTATGACCAGCAGGTTGAAATGTCTCTTCAAGATGAGGAT
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AAATTTTGCCATGGTTTGAACAGCTACTCCATTAATTGTAAATCTAATTTGTTCAAGTAGGCCATGGCC
AGACAGACAGTGGGACTATGCATATTTGATGACATCATAGAGCACTGCAGTCCAACTCATTCAAATAT
GTGCGAGTATTTTCGGTGGCCAATGCTACTCAATATGCGAGACAACAACCTGAAAGTCAGGCAAGCTGCTG
CCTATGGACTGGGAGTTATGGCAGATTTGGTGGAGATGATTATCGTTCTTTGTGTTTCAAGGCCGTCCC
ACTCTTGGTAAAAGTTATTAAGTGTGCAAATCCAAAACCAAAAAATGTGATTGCTACAGAGAACTGC
ATCTCAGCAATCGGAAAGATTATGAAGTTTAAGCCCACTGTGTAACGTTGGATGAAGTTCTCCCACT
GGCTATCATGGCTTCGCTGCATGAAGATAAAGAAGAAGCTATTCAGACTTTGAATTTTCTGTGACCT
AATTGAAAGTAACCAACAGTTGTAATTGGTCCGAATAATTCCAATCTTCCCAAAATCATCAGTATAATT
GCAGAAGGAAAAATTAATGAACTATTAGCCTTGAAGATCCCTGTGCCAAACGCCTAGCTAACGTTGTCC
GTCAGATACAGACTTCTGAAGAATTGTGTTGGAATGCACATCCCAACTGGATGATGAACAGCAGGAAGC
TTTACAAGAGTTACTCAGTTCTGCTGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-MluI

ACCN: NM_001107584

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.

RefSeq: NM_001107584.1, NP_001101054.1

RefSeq Size:	4522 bp
RefSeq ORF:	3318 bp
Locus ID:	309326
Cytogenetics:	1q52