

Product datasheet for **RN210280**

Rabep1 (NM_019124) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Rabep1 (NM_019124) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Rabep1
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN210280 representing NM_019124
 Red=Cloning site Blue=ORF Orange=Stop codon

CTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCCGGCGC
 GCC

ATGGCGCAGCGGGCCGGCTCCCAGCCTGACGTTTCTTTCAGCAACGGGTAGCAGAATTGAAAAA
 TTAATGCAGAATTTTACGTGCACAGCAGCAGCTTGAGCAAGAATTTAATCAAAAGAGAGCAAAATTTAA
 GGAGCTGTATTTGGCTAAAGAGGAGGATCTGAAGCGGCAAAATGCAGTATTGCAAGCTGCCGAGGATGAC
 TTGGGTACCTTCGGACACAGCTGTGGGAGGCGCAGGCAGAAATGGAGAATATCAAGCGCATGCCACAG
 TCTCTGAGAACACTAAGCAAGAAGCTATAGATGAAGTTAAAAGGCAGTGGAGAGAAGAAGTTGCTTCACT
 TCAGGCTGTAATGAAAGAGACTGTGCGTACTATGAGCATCAGTTTACCTGAGGCTGGAGCAGGAACGA
 GCGCAGTGGGCACAGTATCGAGAGTCTGCAGACCGGGAGATAGCTGACCTAAGAAGAAGTTGTCTGAAG
 GTCAAGAGGAAGAAAATTTAGAAAATGAAATGAAAAGGCCCAAGAGGATGCCGAGAAGCTTCGCTCTGT
 CGTGATGCCCATGGAGAAGGAAATTCAGCCCTGAAAGATAAACTGACAGAAGCTGAAGACAAGATTTAA
 GAGCTGGAGGCCCTCAAAGTTAAGGAACGAATCATTATCTGGAGGCCGAGAAGTCTTGACGAGCTGATC
 TGGAGATGTATGTAGCTGTTTTGAACCCAGAAATCTGTTCTACAGGAAGATGCTGAGAAATTGAGGAA
 AGAACTGCATGAAGTTTGCCATCTCTGGAGCAAGAGCGCAACAACACAACCAAGTTAAAACACACGTGG
 CAGAAGGCCAACGACCAGTTTTTGGAACTCAGCGCTTGCTGTGAGAGACATGCAGCGAATGGAGATCG
 TGTTAACTTCAGAACAGCTACGACAAGTTGAAGAACTGAAGAAGAAAGATCAGGAGGAGGATGAACAACA
 AAGGATCAATAAGGGAAAAGATAACAAGAAAATAGACTGAAGAAGAAGTAAAAATACCAAGTATGT
 GCTTTAACTCAAGAAGAATCTTCAACCCCACTATCAAAATGAAGAGGAGCATTAGACAGCACCCATGGGT
 CAGTCCATTCCTTAGATGCAGACTTGCTGTTACCATCTGGAGATCCATTAGTAAATCGGACAATGACAT
 GTTTAAAGAGGGACTCCGGAGAGCTCAGTCTACAGACAGCTTGGGAACCTCAAGCTCATTGCAATCCAAA
 GCTTTAGGCTATAACTACAAAGCAAAATCTGCTGGAAATTTGGATGAGTCGGATTTTGGACCACTGGTTG
 GAGCAGATTCTGTGTCTGAGAACTTTGATACTGTGCCCTTGGGTCACTGCAGATGCCAAGTGGATTTAT
 GTTAACCAAGATCAAGAAAGAGCAATTAAGGCAATGACACCTGAACAGGAGGAGACAGCATCCCTCCTC
 TCAAGTGTACACAGGATGGAGAGTGCATATGTCTCTCCTAGTGGTTACCGCTTAGTGAGTGAACCG
 AATGGAATCTCCTGCAGAAAGAGGTACATAATGCTGGAATAAGCTTGGTAGACGTTGTGATATGTGTT
 CAATTATGAAAAACAGTTACAAGGAATTCAGATTCAGGAAGCTGAGACAAGAGACCAGGTAAAAAAGT
 CAGTTAATGCTCAGGCAAGCTAATGACCAGCTAGAGAAGACAATGAAAGAGAAACAGGAGCTAGAGGACT
 TCCTCAGGCAGAGTGCCGAGGACTCAAGCCACCAGATATCTGCACTTGTTTTAAGAGCCCAAGCCTCTGA
 GGTATTACTTGAAGAGTTACAACAGAGTTTTTCCCAAGCAAGAGGGATGTTTCAGGAGCAGATGGCAGTG
 CTGATGCAGTCACGTGAACAGGCTCAGAAAGAGCTGGTAGGTTACAGAAAGACAATGACAGCCTCCAGG
 GAAAGCATAGCTTGCAATGTGTCATTACAACAGCAAGACTTCACTTCCAGATACTGTGAGGTTGCT
 CCGGAACTGGTTTTAAAATATCGTGAGAACATTTGTCATGTGCGGACAGCAGCAGACCACATGGAAGAG
 AAGCTGAAGGCTGAAATACTTTTTCTAAAAGAGCAAATTCAGGCGGAACAGTGTAAAAGAAAACCTTG
 AAGAGACATTACAGCTGGAATTTGAAAAGGACAGTTGGAATCTACATTAAGAGAGAAGTCGCAACAACCTGAG
 AGCTCAAGAAAATAAAAGTTAATTTAGAGGAACAGTTAAAGAAGGAAACTGCTGCTAAGGCCACTGTTG
 AACAGCTCATGTTTGAAGAGAAGAACAAGCTCAGAGGTTGCAGACAGAATTAGATGTGAGTGAACAAGT
 CCAGAGAGATTTGTAAAATTTCTCAGACTCTCAGGTGCAAGTATAGAGAGGATCCGGCAAGCAGACTCC
 CTGGAGAGGATCCGGCAATTCTGAATGATACCAACTGACAGACATTAACCAGTCCCTGAGACATGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: AscI-MluI
ACCN: NM_019124
Insert Size: 2589 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:	<ol style="list-style-type: none">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_019124.1 , NP_061997.1
RefSeq Size:	3465 bp
RefSeq ORF:	2589 bp
Locus ID:	54190
UniProt ID:	O35550
Cytogenetics:	10q24
Gene Summary:	human homolog is a member of a protein complex that regulates endosome fusion [RGD, Feb 2006]