

Product datasheet for MC224447

Col17a1 (NM_007732) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Col17a1 (NM_007732) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Col17a1
Synonyms:	BP180; Bpag; Bpag2
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>MC224447 representing NM_007732 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGATGTGACCAAGAAAAGCAAGCGAGATGGCACTGAAGTCACCGAGAGAATTGTCACGGAAACAGTAA
CGACAAGACTTACATCCCTACCGCCAAAAGGGAGCACCAGCAATGGATATGCTAAGACAGGCTCTCTGGG
TGGAGGAAGTCGGTTGGAGAAGCAGAGCTTGACCCATGGCAGCAGCGCTACATCAACTCAAGTGGAGC
ATCCGAGGCAACGCTTCCACCTCCAGTTACAGGAGAACGCACTCACCGGCTCTACCTGCCAACTCTC
CCGGCTCCACCTTTGAAAGGAAAGCTCACATGACCCGCCATGGAATTATGAAGGGAGCTCTAGCGGCAA
CTCCTCCCTGAGTACCCACGAAAGGAAGTCCGCTCTTCTTCAACCAGAGGACGAAGCCAAACACGAGAG
AGCGAAATTCGAGTTCGGTTGCAGAGCGCGTCGCCATCCACCAGATGGACAGAAGTGGATGAGGTGAAGC
GTTTGCTTAAGGGGAGCCGCTCTGCAAGTGCAAGTCCCACCAGGAACACCTCCAACACACTCCCCATCCC
CAAGAAAGGCACCGTAGAGACCAAAACAGTGACAGCGAGCTCCCACTCAGTGTCCGGAACCTATGATTCA
GCAATACTGGACACCAACTTCCGCCCCACATGTGGTCTCCACCTTGCCTGCAGGGTCTCCCTGGGGA
CCTATCAGAACAACATAACAGCCAGAGCACATCCCTCCTCAACCAATGCCTACTCAACGGGATCAGT
CTTTGGAGTGCCAAATAACATGGCGTCTGTCTCCCACCCTGCACCCCGGACTCAGCAGCTGCTCTCA
GTGTTTGGCATGCAGAACAATCTGGCCCCAGCTCTTCTGTCTCCCATGGCACAACCACCGCTTCCA
CAGCATACGGAGCGAAGAAAACGTCGCCAGCCTCCCACTGTCAACAGCACCGGCGTGTCCACCTCTGC
CACCTGCACCACAGTGTCCAGAGTGACGACCTTTCATAAAGACTGCAAGTTCCTGATTCTGGAGAAA
GACAACACACCAGCTAAGAAAGAGATGGAAGTCTTGTATCATGACCAAGGACAGTGGGAAAGTCTTCACTG
CCTCCCTGCCACCATCTTCAACTTCTTTTTCAGAAGACCCCTGAAAAGGAGAAGCAGGCTGCATA
TGCCGCTGACACCTGCCTGAAGGAGATGTGAATGGAGACCTAAATACCGTGTCCACAAAGCAAGATG
ACCTCGGCAGAAAACCATGGCTACGACCGAGGTGGCGGTGGTGGCAGAGGCAAAGCGGAGGTGCTGGT
GTGGCGGTGGTGGCGGTGGCGCCAGTGGCGGTGGAGGAGCATGGGGGCTGCACCAGCCTGGTCCCTG
CGCTCCTGCTGAGCTGGTGAAGTGGCTGCTGGCCCTGCTGCTCACCTGGCTGCTGCTGGGTCTG



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CTCTTCGGCCTCATTGCTCTGGCGGAGGAGTAAGAAAGCTGAAGGCCCGCTGGAGGAGCTGGAAAAGA
 CCAAGGTGCTATATCATGACGTCCAGATGGACAAAAGCAACAGGGACCGCTCCAGGCCGAGGCACCCAG
 CCTGGGACCTGGATTAGGCAAGGCTGAGCTGGACGGCTACAGCCAGGAGGCCATCTGGCTGTTTGTAAAG
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 CCCGGAAGGACCAAAGGGACAAAAAGGCAGCATTGGAGATCCTGGCATGGAAGGACCCATAGGCCAGAGA
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 GGATTGCTGGTGAACAAGGTCTCAGGGCTTCTGGTGTCCAGGTCTCCGGGTCTCAGAGGTCACAG
 CGGCTCTCCTGGTCCCCAAGGCCCCAGGTGCTGTGGTCCCCAAGGGCTCCGAGGTGACGTGGGACTT
 CCTGGTGTCAAAGGTGACAAAGGACTCATGGGACCACCAGGACCCAAAGGTGACCAGGTGAGAAGGGAC
 CCAGAGGCCTCACAGGGGAGCCTGGCATTTCAGAGTTTGCCTGGAGCTGTGGGTGAACCCGGAGCCAAAGG
 CGCAATGGGTCCGGCTGGCGCTGATGGACAGCAAGGTTCCAGAGGTGAACAAGGCTTGACAGGGATGCTT
 GGAACCCGGGGCCCCCAGGACCCGCTGGAGACCCAGGAAAGCCAGGTCTCACAGGACCCAGGGACCTC
 AGGGACTTCTGGTAGCCCTGGCCGACCAGGGACTAAAGGCGAACCCGGGCTCCCGGCAGAGTCATGAC
 TTCAGAGGGATCATCAACAATCACTGTGCCGGACCTCCCGACCTCCTGGTGCATGGGTCCCCAGGA
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 GACTTGTGTGACTCATTCTAAGCAGTGGCAGCTCCATCTCTGAGGTCTCTCTGCCAAGGTGTTGA
 CTTACGAGGTCCCCTGGCCACCTGGCCACGAGGGCCACCAGGGCTTCCATCCCAGGCCCGCCAGGA
 CCCAGAGGTCCACCAGGGGAAGGCGTACCAGGCCACCCGGGCCACCAGGATCCTTCTGACTGACTCAG
 AAACCTTCTTCACTGGCCCTCCAGGTCCACCCGGCCCCCAGGTCCCAAGGGAGACCAAGGTGATCCTGG
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 GGCCCCCTGGCCCTCCAGGGCCCCCTGGGCTCCGGGCTCCCTCAGCAGCTCCGGCCAGGATATCCAGC
 ACTACATCGTGAATACATGCAAAGTGACAACATCAGGACTTATCTCAGGGGTTCCAGGGTCCCCAGG
 CCCACCAGGTCCCCAGGGCTGTATCACCATCACAGGAGAGACTTTCGACTACTCCAGCTGGCAAGC
 CAGGTCTGAAGCTACTTGCAGTATCAGGCTACGGTGGTGGCTTGTCTCTGCCTCCTCAGAAGATA
 TCTTGGCCATGCTGCGACGGAACGATGTGTGGCAGTACTTACGTCAGAATCTGGTGGTCTCCCGGTCC
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 AGGCCACCAGGGCCCCCAGGTCTCGAGGGCCCCCAGGTGTCTCAGCAGCTCTGTCCACCTATGCAGCT
 GAGAACAGCGACAACCTCCGAGCGAGCTGATTAGCTACCTCACAAAGTCTGATGTTGCGAGCTTATCG
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 GAGCAGCAACTCCTCAGCCAGAAGGGGCACTTCTACAGCTTCCACGGGCACAGGGGGAACCAACGGA
 GGCTCCCTGGGTGAAGGTGGAGCCTATGGTGCAGGAGATGGGGGCCCTATGGTACCGACATCGGCCAG
 GCGGAGGCTATGGGGCAGCTGCAGGTGGTGGTATATATGGACCAATGGTACTCGTCCGGGATGGCTT
 CACTGGAGACCTAGATTACAACAAGCTGGCAGTGGGGTGTGGAGAGCATGCAGCGTCAGGGTCTGCTA
 CAAGGGATGGCCTACACTGTCCAGGGCCACCTGGGCCCAAGGCCCTCCTGGCATCAGCAGGGTCTTCT
 CAGCCTACAGCAACGTGACACAAGACCTCATGGACTTCTTCCAACCTACGGCACTATCCCGGGACCACC
 TGGGCAGAAGGGAGATGTGGGAACCCAGGCCCAAGGTGACAGGGGCCCTGCTGGACCAGGAGTCTC
 CCAGGGCCACCCGGCCCCAGAGGGAACAAGGAGAGAAAGGAGACAAGGTGACCAAGTCTATACTGGGA
 GAAGGAAGAGAAGTATTGCCATCAAGCCGTAA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
 ACCN: NM_007732
 Insert Size: 4302 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_007732.2 , NP_031758.2
RefSeq Size:	5428 bp
RefSeq ORF:	4302 bp
Locus ID:	12821
UniProt ID:	Q07563
Cytogenetics:	19 40.07 cM
Gene Summary:	<p>May play a role in the integrity of hemidesmosome and the attachment of basal keratinocytes to the underlying basement membrane.[UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (2) lacks an alternate in-frame exon, compared to variant 1. The encoded isoform (2) is shorter than isoform 1. Sequence Note: The RefSeq transcript and protein were derived from genomic sequence to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on alignments.</p>