

Product datasheet for MC223719

Col28a1 (NM_001037865) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Col28a1 (NM_001037865) Mouse Untagged Clone
Tag: Tag Free
Symbol: Col28a1
Synonyms: Col28; Gm466
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC223719 representing NM_001037865
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGAGGAGAAGAGACGTTGCCTTCTGTCTTCTGCTTTTCCAGCTTTTATGACTCAAGCAGTGTATGGAC
AAAGAAAGAAAGGACCAAAGCCAAACACACTTGAAGGAAAAATGACTTCCAGGATGCCATTTGCTTCAT
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GTGGACAGCTTGAGTGAGAAGATTTCCAGTTGACTCCTGGCCGTTTCATTAATAATGACATCAAGCTGG
CAGCCCTTCAGTTTAGCAGCTCGGTCCAGATTGATCCACCCTTGCTTCTTGAAGGATCTCCGGACATT
TAAGCAGCGGGTCAAGTCTCTGAATTTAATTGGGCAAGGTACCTTTTCTTATTATGCCATCTCCAATGCC
ACAAGGCTACTTAAAAGAGAAGGGCGTAAAGATGGCGTGAAGGTGGCTTTGCTGATGACTGATGGCATCG
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AGCCTGGAGTCCCAGGGGAAGATGGGGCCTCTGGAAAGAAGGGAGAAGCTGGACTTCCAGGAACAAGAGG
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AATCAAGGACAGAGGGGGTTTCCAGGACCCGAAGGGCCAAAGGGAGAGCCAGGTGTTATGGGCCCTTCG
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CAGAACGAGAGGTCAGCGTATCCACTCCAAAGCCTGCAAAAAGAAATGTCTAAGTCGTTTTAATGTTCTAG
AGGCCAAAATGAAGAGACTGAATCGTATGTGTTGACTGAGGCTGGTATCTTGGCCATCCCAACCCCACT
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ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:

Sgfl-Mlul

ACCN:

NM_001037865

Insert Size:

3426 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_001037865.1](#), [NP_001032954.1](#)
RefSeq Size: 4230 bp
RefSeq ORF: 3426 bp
Locus ID: 213945
UniProt ID: [Q2UY11](#)
Cytogenetics: 6 A1
Gene Summary: May act as a cell-binding protein.[UniProtKB/Swiss-Prot Function]