

Product datasheet for **MC225435**

Col7a1 (NM_007738) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Col7a1 (NM_007738) Mouse Untagged Clone
Tag: Tag Free
Symbol: Col7a1
Synonyms: AW209154
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC225435 representing NM_007738
Red=Cloning site **Blue**=ORF **Orange**=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGC**C

ATGAGGCTGCGACTCCTGGTCGCTGCGCTCTGCGCTGCAGAGATCCTGATGGGAGCGCCGAAGTGTGGG
CCCAGCCAGAGATAGAGTGACCTGCACACGCCTTTATGCTGCTGACATCGTGTCTTACTCGATGGCTC
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ACAGGTGCTGCC TAG

AGCGGACCGACGCGTACGCGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCC
TGGATTACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	SgfI-RsrII
ACCN:	NM_007738
Insert Size:	8835 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:	<u>NM_007738.3, NP_031764.2</u>
RefSeq Size:	9222 bp
RefSeq ORF:	8835 bp
Locus ID:	12836
UniProt ID:	<u>Q63870</u>
Cytogenetics:	9 59.63 cM
Gene Summary:	Stratified squamous epithelial basement membrane protein that forms anchoring fibrils which may contribute to epithelial basement membrane organization and adherence by interacting with extracellular matrix (ECM) proteins such as type IV collagen.[UniProtKB/Swiss-Prot Function]