

Product datasheet for **MC210318**

Gkn1 (NM_025466) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Gkn1 (NM_025466) Mouse Untagged Clone
Tag: Tag Free
Symbol: Gkn1
Synonyms: 2200002K21Rik; AMP-18; BRICD1; Fov
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC210318 representing NM_025466
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGAAGCTCACAATGTTTCGTCGTTGGTCTGCTTGGCCTCCTTGCAGCTCCTGGTTTTGCTTACACGGTCA
 ACATCAATGGTAATGATGGCAATGTAGACGGAAGTGGACAGCAGTCGGTGAGCATCAATGGTGTGCACAA
 CGTGGCCAATATCGACAACAATAACGGCTGGGACTCCTGGAATAGCCTCTGGGACTATGAAAACAGTTTC
 GCTGCCACGAGACTCTTCTCCAAGAAGTCATGCATTGTGCACAGAATGAACAAGGATGCCATGCCCTCCC
 TTCAGGACCTCGATACAATGGTCAAGGAACAGAAGGGTAAAGGGCCTGGAGGAGCTCCTCCCAAGGACTT
 GATGTACTCCGTCAACCTACCAGAGTGGAGGACCTGAATACATTCGGACCAAAGATTGCTGGCATGTGC
 AGGGGCATCCCTACCTATGTGGCCGAGGAGATTCCAGGACCAAACCAGCCTTTGTACTCAAAGAAGTGCT
 ACACAGCTGACATACTCTGGATTCTGCGGATGTCTTCTGTGGAACATCAGTGGAGACATACT**AG**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_025466
Insert Size: 555 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).



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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_025466.1</u> , <u>NP_079742.1</u>
RefSeq Size:	1220 bp
RefSeq ORF:	555 bp
Locus ID:	66283
UniProt ID:	<u>Q9CR36</u>
Cytogenetics:	6 D1
Gene Summary:	Has mitogenic activity and may be involved in maintaining the integrity of the gastric mucosal epithelium.[UniProtKB/Swiss-Prot Function]