

Product datasheet for **MC228496**

5830473C10Rik (NM_001252661) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	5830473C10Rik (NM_001252661) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	5830473C10Rik
Synonyms:	Arg; Gm17754
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >MC228496 representing NM_001252661
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGGAGGTTCTTAAAGCTCTACCCTTCATTGTTTTCTTCAGCTACAGTAAATGTGAGTCTCTCCAAACAA
GTTTACTACATGCAGCCAGGCAGCATGTCAGTGGCAGGATCACCTGGAGGAGAAGTTAGGAGTCAGTGT
CAGCATTATGGTGGCTCAGTTTCTTCAGGATGCAGCTTATGACCAAGTCCAAACCATAGCTAAAGAGCTG
CTGAAGCTTGCTGAAAAGTGAAGCGTCTCAAACCTGAGTCACCCTCAGAGTGTGCTCATCAACTGGTGG
CTGCCCTCCTTATACACATTTGCAACAACCAAGGCCTGGTGGATAGTCACGTGTTCACTGACTGTTGTAA
GATGAAAAGTGCAGCAAGACTCAGGTGCTTCTCTCTCTACAAGAAAGACGACGACGACAGCCATGATACA
CCCCTGATTCCAAGGCCTGAAGTACCTGTGAGGTGGCTGCAGAGAATAATGTGTCCTGAAGGAGAGGT
TCAGCTATGAAATATCTAGAAGACCCATTCTTACGGACCCACTATCTTGAGCATGTCTGCTTGCTA
TGATACAGCTGTTCAAGTCAAGTCAAGAAGAGAATGAAACAGAGTGCCTGCGGACAAAGCTAGAACC
ATCAGAAAATACATTAGAGGAATATCTGCAAGACATCACTTATGTGAAATTGGCACCAAATTCACCG
AGAAAGTAGCAAGTGCAGTAGAGTTGATTTCTACTACCAAAAAGCAACCTAAAGCTAATTTTTCTGAAAT
CGCCAAATTGACCATGGATGTTAAAAATCTGCATGAGACCTGTTGTGAGGGGAACACATTAGTGTGTGCC
CTGGGCAGGCGCCAGCTTATGAATTACACCTGCTTAACCAGGCCATCTTATCCAGCAAGTTTGCTGAGT
GCTGTGAACAGCCAGAACCATTCCGCGGGGAGTGCATCGTCAACTCAGAAAATGACGACAAGCCTGACCT
TTCACCCTGCCGCTCACAAGGTTTACAGAAGACTGGTCTGTGTGCCAACATTCAGCGGCAACCAGGAC
AGCTTTTACAGGAGTTTCTTTATGAATACTCAAGAAGACACCTGGAGTTGGCGGTTCCCGTGATCTTAA
GAGTCTTTGAAACATACAAACGTGATTGGAGAAATGTTGCAAGCTAGAAAAGCTTTGGAATGCCACCA
GCCTGGGAAAGAGATGTTCCAAAAGTGATACTTGAAGCCGTGACCAAGTTAAAAGTAACTACTGTGACTTA
CAGAAGCAGCTGGCAGTAGCAGCTTCCAGGACAGGCTCACGGTCTTTATACTAAGAAAGCTCCGACG
TGTCTGCCAGGAGCTGGTGGTGTTCGTGAAGAAGATGGCAGCGTTGCCAGGAGATGTTGCCCATTAAG
GGATGAGCTGCAGTCCGCTTGCCTGGAGGACCAGACAAAGCTGATTCTTGGAGAGCTGTGCAGAAGACAC
GGTGGGAAGCCTGTCAATGCAGGAGTGGCCACTGCTGCGACGACTCCTATGCCTCAGAAAAGCCGTGCT
TTGATGACCTGCGAGTCGATGGCACTTACATCTCTCCACCTTTATCTTGTGACCAAGCCATTAGTCTTAA
AGAGGACTTGTGCCAAGCTCAGGACGAGGAAGTCAAATGGAAAAGCAGAAGCTCCTCAGCACCCCTGGT
AAGCAGAAGCCCATGCAGCAGAGGATGTGTTCCATTCCATTGGCGAGAATTTTGTGCAACTGGTGGAGA
AGTGCTGCGGTGCACAGAGGAGAGACGTGTGTTTTCAAGAAGAGGGACCTCAACTGATCACGAAGTGCCA
GTCCTCTTAGAGGCCAGCTCATCCAGAGCGGTTGATGTAG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_001252661

Insert Size: 1863 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).

OTI Annotation: Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.

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_001252661.1](#), [NP_001239590.1](#)

RefSeq Size: 2241 bp

RefSeq ORF: 1863 bp

Locus ID: 622307

Cytogenetics: 5 E1