

Product datasheet for **MR207577**

A330102K23Rik (BC055701) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	A330102K23Rik (BC055701) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	A330102K23Rik
Synonyms:	A330102K23Rik; Csnrp3; CSRNP-3; Mbu1; taip-2
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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**ORF Nucleotide
Sequence:**

>MR207577 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGC**

ATGAAGTCTCCAGCAGCGAAAGTCTGACAGCGGGGATAGCGTCAATCCATCCACCTCAAATCACTTCAC
 CCATGACTAAGAATGGCACTGTAGAGTCTGAGGAAGCTAGCACCCCTGACCGTGGATGACATTTCCGATGA
 CGATATTGATCTGGACAACACCGAAGTGGACGAATACTTCTTCTACAACCCCTGCCACAAAAAGCGG
 AGAGCTCTGCTGCGCGCCTCGGGGTGAAGAAGATCGACGTTGACGAGAAGCACGAACTGCGGGCCATCC
 GCCTTTCTCGGGAGGACTGTGGCTGTGACTGCAGAGTGTCTGTGATCCAGAACTGTACCTGCAGCCT
 GGCAGGCATTAAGTGTGAGTGGATCGTATGTCTTTCCCATGTGGCTGCACTAAAGAAGGCTGTAGTAAC
 ACAGCAGGTAGAATTGAATTCATCCTATCCGTGTCCGACTCATTTTTTGCACACAATAATGAACTTG
 AACTGGAGAAGAACCGAGAGCAACAAACCCACGCTGAATGGTGCCACGGGGAGATAAGCGCCCATGG
 TCCTTCCATGGGCCCTGTCGCTCACTCTGTAGAATATTCCATCGCAGACAATTCGAGATTGAAACCGAA
 CCCCAGGCTGCTGTGCTGCACCTACAGGAGGAAGTGGACTGCCAAGGAGATGAGGAGGAAGAGGAGAGG
 ACGGAAGCAGTTTCTGCAGTGGAGCCACTGATTCTAGCACCCAAAGCCTGGCTCCAGTGAATCGGATGA
 GGAAGAGGAGGAGGAGGAAGAAGAAGAGGAAGAGGAGGAGGAAGATGACGACGACGACAAGGAGATGGC
 TTTGTAGAAGGGCTCGGAGCCCATACGGAGGTCGTCCCCCTTCCGTCTGTCTTTGTACTCTGATGGCA
 CCGCAGTTCATGAAAGCCACACAAAAATGCTTCATTTTACGCTAGCTCTTCACTCTCTACTACCAAT
 AGATAGTCACATCCCAGGAACCTCTAGCCAGCTCTCTGACAACTATTCTGAAAGAGATACTGTCAAAAAC
 GGTGCCCTTTGCTGGTGCCTTACGCCATGACCCAGAGAGGTTTGTGACTACGCCAGGCAAGCAGAAG
 AGGCCTATGGAGCCTCCCACTACCCAGCTGCCAATCCGTCTGTCATCGTTTGTGCTGCCCACTCTGAAAA
 CGATAGTGGGGTGCCCTGTAACCCCTTGATCCTGAACACAGGTCCAATCTTCCCAAGTGGAGTTTCAC
 TCATACTTGAAAGGCCCTGCCAGGAAGGTTTGTTCACATTGAATGGCGACGCCACATTTTCAGAGC
 ATCCTGCAGAAAATCCTTTGAGCCTTGACAGAAAAGAGCAGATTGCATGAAGAGTGCATTCAGTCCCCGT
 GGTGGAACGGTCCCCGT

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

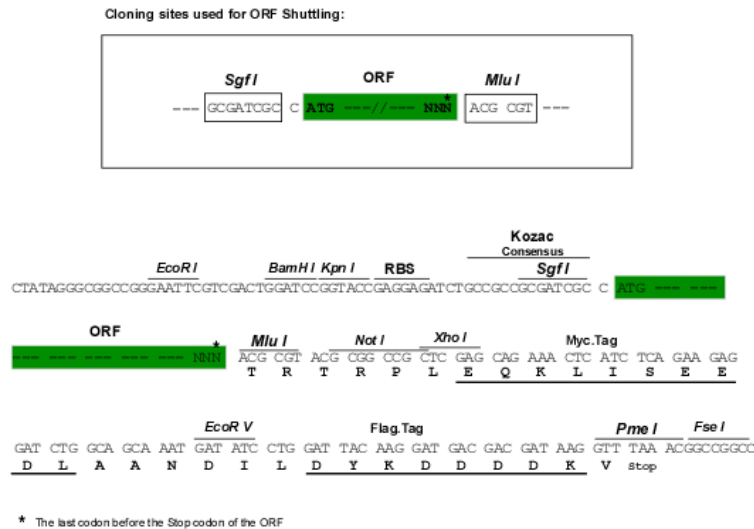
>MR207577 protein sequence
 Red=Cloning site Green=Tags(s)

MKSPAAKVLTAGIASIHPPQITSPMTKNGTVESEESTLTVDDISDDIDLDNTEVDEYFFLQPLPTKKR
 RALLRASGVKKIDVDEKHELRAIRLSREDCGDCRVFCDPETCTCSLAGIKCQVDRMSFPCGCTKEGCSN
 TAGRIEFNPIRVTRHFLHTIMKLELEKNREQQTPTLNGCHGEISAHGSPMPVAHSVEYSIADNFEIETE
 PQA AVLHLQEELDCQGEDEEEEDGSSFCSGATDSSTQSLAPSESEDEEEEDDDDDKGDG
 FVEGLGAHTEVVPLPSVLCYSDGTAVHESHTKNASFYASSSTLYYQIDSHIPGTPSQLSDNYSERDVK
 N GALSLVPYAMTPERFVDYARQAEAYGASHYPAANPSVIVCCPTSENDSGVPCNPLYPEHRNLPQVEFH
 SYLKGPQAEQFVSTLNGDSHISEHPAENPLSLAEKSRLHEECIQSPVVETVPV

TRTRPLE**QKL**ISEEDLAANDILDYKDDDDKV

Restriction Sites:

SgfI-MluI

Cloning Scheme:


ACCN: BC055701

ORF Size: 1419 bp

OTI Disclaimer: The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. [More info](#)

OTI Annotation: This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.

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.

Note: Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.

RefSeq: [BC055701](#), [AAH55701](#)

RefSeq Size: 1927 bp

RefSeq ORF: 1421 bp

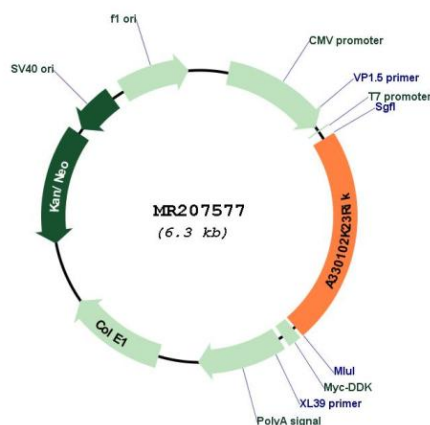
Locus ID: 77771

Cytogenetics: 2 C1.3

MW: 51.9 kDa

Gene Summary: Binds to the consensus sequence 5'-AGAGTG-3' and has transcriptional activator activity. Plays a role in apoptosis.[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for MR207577