

Product datasheet for **MG207577**

A330102K23Rik (BC055701) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	A330102K23Rik (BC055701) Mouse Tagged ORF Clone
Tag:	TurboGFP
Symbol:	A330102K23Rik
Synonyms:	A330102K23Rik; Csnrp3; CSRNP-3; Mbu1; taip-2
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)



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**ORF Nucleotide
Sequence:**

>MG207577 representing BC055701
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGC**C

ATGAAGTCTCCAGCAGCGAAAGTCTGACAGCGGGGATAGCGTCAATCCATCCACCTCAAATCACTTCAC
 CCATGACTAAGAATGGCACTGTAGAGTCTGAGGAAGCTAGCACCCCTGACCGTGGATGACATTTCCGATGA
 CGATATTGATCTGGACAACACCGAAGTGGACGAATACTTCTTCTACAACCCCTGCCACAAAAAGCGG
 AGAGCTCTGCTGCGCGCCTCGGGGTGAAGAAGATCGACGTTGACGAGAAGCACGAACTGCGGGCCATCC
 GCCTTTCTCGGGAGGACTGTGGCTGTGACTGCAGAGTGTCTGTGATCCAGAACTGTACCTGCAGCCT
 GGCAGGCATTAAGTGTGAGTGGATCGTATGTCTTCCCATGTGGCTGCACTAAAGAAGGCTGTAGTAAC
 ACAGCAGGTAGAATTGAATTCATCCTATCCGTGTCGGACTCATTTTTGCACACAATAATGAACTTG
 AACTGGAGAAGAACCGAGAGCAACAAACCCACGCTGAATGGTGCCACGGGGAGATAAGCGCCCATGG
 TCCTTCCATGGGCCCTGTCGCTCACTCTGTAGAATATTCCATCGCAGACAATTCGAGATTGAAACCGAA
 CCCCAGGCTGCTGTGCTGCACCTACAGGAGGAAGTGGACTGCCAAGGAGATGAGGAGGAAGAGGAGAGG
 ACGGAAGCAGTTTCTGCACTGGAGCCACTGATTCTAGCACCCAAAGCCTGGCTCCAGTGAATCGGATGA
 GGAAGAGGAGGAGGAGGAAGAAGAAGAGGAAGAGGAGGAGGAAGATGACGACGACGACAAGGAGATGGC
 TTTGTAGAAGGGCTCGGAGCCCATACGGAGGTCGTCCTTCCGTCTGTCTTTGTTACTCTGATGGCA
 CCGCAGTTCATGAAAGCCACAAAAATGCTTCATTTACGCTAGCTCTTCAACTCTCTACTACCAAT
 AGATAGTCACATCCAGGAACCTCTAGCCAGCTCTCTGACAACTATTCTGAAAGAGATACTGTCAAAAC
 GGTGCCCTTTGCTGGTGCCTTACGCCATGACCCAGAGAGGTTTGTGACTACGCCAGGCAAGCAGAAG
 AGGCCTATGGAGCCTCCCACTACCCAGCTGCCAATCCGTCTGTCATCGTTTGTGCTGCCCACTCTGAAAA
 CGATAGTGGGGTGCCCTGTAACCCCTTGTATCCTGAACACAGGTCCAATCTTCCCAAGTGGAGTTTCAC
 TCATACTTGAAAGGCCCTGCCAGGAAGGTTTGTTCACATTGAATGGCGACGCCACATTTTCAGAGC
 ATCCTGCAGAAAATCCTTTGAGCCTTGCAAGAAAGAGCAGATTGCATGAAGAGTGCATTCAGTCCCCGT
 GGTGGAACGGTCCCCGTT

ACGCGTACGCGGCCGCTCGAG – GFP Tag – GTTTAA

Protein Sequence:

>MG207577 representing BC055701
 Red=Cloning site Green=Tags(s)

MKSPAARKVLTAGIASIHPPQITSPMTKNGTVESEESTLTVDDISDDIDLDNTEVDEYFFLQPLPTKKR
 RALLRASGVKKIDVDEKHELRAIRLSREDCGCDRVFCDPETCTCSLAGIKQVDRMSFPCGCTKEGCSN
 TAGRIEFNPIRVTRHFLHTIMKLELEKNREQPTPLNGCHGEISAHGSPMGPVAHSVEYSIADNFEIETE
 PQAAVLHLQEELDCQGEDEEEEDGSSFCSGATDSSTQSLAPSESEDEEEEDDDDDKGDG
 FVEGLGAHTEVVPLPSVLCYSYDGTAVHESHTKNASFYASSSTLYYQIDSHIPGTPSQLSDNYSERDTVKN
 GALSLVPYAMTPERFVDYARQAEAYGASHYPAANPSVIVCCPTSENDSGVPCNPLYPEHRSNLPQVEFH
 SYLKGPQEGFVSTLNGDSHISEHPAENPLSLAEKSRLHEECIQSPVVETVPV

TRTRPLE – GFP Tag – V

Restriction Sites:

Sgfl-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

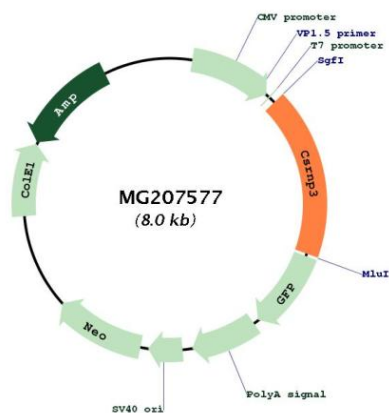
RefSeq ORF: 1421 bp

Locus ID: 77771

Cytogenetics: 2 C1.3

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 MG207577