

Product datasheet for **MC220922**

6430527G18Rik (BC057128) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	6430527G18Rik (BC057128) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	6430527G18Rik
Synonyms:	6430527G18Rik; Eap1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >BC057128
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGTCGGCGGCGCAGGTGTCCTCGTCCCGAAGACAGTCTTGCTACCTGTGCGACCTGCCTCGCATGCCCT
 GGGCCATGATCTGGGACTTCTCCGAACCGTATGCCGTGGTTGCGTCAATTACGAAGGCGCCGACCGCAT
 AGAATTCGTGATCGAGACAGCACGCCAGCTGAAGCGGGCTCACGGTTGCTTCCAAGACGGTCGCTCCCCG
 GGGCCCGCCCGCCAGTCGGGGTCAAGACGGTGGCCTTGTCCGCCAAGGAAGCGGCAGCAGCAGCTGCCG
 CCGCACAGCAACAGCAGCAGCAACAACAGCAGCAACAGCAGCAGCTCAACCACGTCGATGGTTCCACCAA
 ACCTGCAGTGTGGCCGCCCGTCCGGTCTGGAGCGTTATGGCCTGAGCGCAGCGCCGCCCGGGCTGCC
 GCCCGCTGCGGTGGAACAACGCAGCCGGTTCGAGTATCCGCCCTCCTCCGGTGAAGTCTGGGGAGCAGCA
 GCCACGCCCGCCGGCTGCCAACGGCTGGGAGGTCTAACGGCTTCCCCAAGCCGGCACAGAGGAAGG
 CCCCCCGAGCTGAACCGCCAGAGCCCCAACTCATCTCAGCAGCAACATCGGTGGCTTCTCGCGTGGG
 ACGCATAGTGGGTGGTGAACCGGCTGCCAACCCGGGTGGTGGCGGGGACCTCAGTAACCGTGGCCC
 CCAACCTATTGCCGCAGACGCTGCTAACCGCCCGGCCAGCGCCCGGTGCTGCCTCCGCCCCACGGGT
 GGGGGGAAGCCGAGGGCCCCGACTCCAGCACCTCCGGGTGCTCCCGGGGGCCCCGCATGTCTCGGGGT
 CCCCCGGTGTGTAGCCACTGTATCCTCCGCTCCATCATCGACTTCGTCGACGGTGGCAGAGGTGGGGC
 TGGGTGCTGTGGCAAGAGGCTGGATCGGTGTCGAGCACGGACCAGGAGCGTGAAGTAAAGGAGAAGCA
 GCGCAACGCTGAGGCCTGGCAGAGTGAAGCAGGCTGCGCAACCGCGCGGAGGAGTGGGCCAACAG
 CCCAAGATGGTCCGCGACAGCTGCTCAGCTGGCTGGCTGCACGCCCTACGAGGTGCGCTTCAAGAAG
 ACCACTCGCTTTGGGTGCGCTTTGGCTTCGACCGGTCTTAAGCCGGGCATGGATGAGTGAAGTGA
 GCTGTTCAATTGAGTATCCACGGGCTCCGGCAATGTGTACTCCAGCGCTCTGGGTGGCCAAACAGATG
 TACCAGGATTGCATGAAGGACTTTGGCCGGGTGCTGCTCCTGGCTTCAAGTACCTGGAGTACGAGAAGA
 AGCACGGCTGTCGACTGGCGCTACTTTGGGACCTACTGCCTGAGGCTGTGCGCTTCTCAAGGAGGG
 CGTGCCCGCGCGGACATGCTGCCCCAGCCCTACCTAGATGCTAGCTGTCCCATGCTACCCACGGCGCTG
 GTGAGTCTCAGCCGCGCCCCAGCGCACCTCCAGGAAGTGGAGCCTTCCACCCGCGCGCCACGGGCC
 GGGGTGCAGCGTCCAGCTGCGCAAAAGGAAGGCATCCCCGAGCCTCCAGACTCAGCTGAAAGCGCACT
 GAAGCTCGGTGAGGAACAGCAGAGGCAGCAGTGGATGGCAAACAGAGCGAGGCGCTGAAGCTCACGATG
 TCCGCGGGGGCTTTGCGGCGCCGGGACTCAGCAGGGGACCACCTCCGCCCTCCACCTCTGGGAC
 CTATTCGAATCGGACACCCCGCGGAGTCAGCCCCCAGAACGGTCCGTCCCCATGGCTGCCCTCAT
 GTCGGTAGCAGCACTTTGGGCACAGCTCATTGCCCAAGGACGGCAGTTCAAGTGCCTCGACCACTGCA
 TCTGCTAGGCGAAACAGCAGCAGCCGGTGTACCCCGCTCCGTGCCGGGCCAGCGTGCCTGGCATCAC
 GCAATGGGGACCTGAATTTACAGGTGGCGCCCCCGCCCTAGCGCCACCCGGGCATGGACCAAGTACA
 CCCCCAAAACATTCGGATTCCCCTATGGCCAACAGCGGACCCCTCTGCTGTACCATTTGCCACGAACGT
 TTGGAGGACACGCATTTGTTTCAGTGTCCGTCTGTCCCTAGCCACAAATTTGTTCCCTTGTCTAGAG
 AGAGTATCAAGGCCAGGGGGCCACAGGTGAGGTGATTGCCCCAGCGGAGAGAAATGCCCCCTAGTCGG
 GTCTAATGTACCTTGGCCTTCATGCAGGGCGAAATTGCAACTATCTTAGCTGGGATGTTAAAGTGAAA
 AAAGAGAGAGACCCTTGA

ACGCGTACGCGGCGGCTCGAGCAGAACTCATCTCTGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-Mlul
ACCN: BC057128
Insert Size: 2328 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.
Note:	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
RefSeq:	<u>BC057128</u> , <u>AAH57128</u>
RefSeq Size:	3119 bp
RefSeq ORF:	2327 bp
Locus ID:	238330
Cytogenetics:	12 D2
Gene Summary:	Probable E3 ubiquitin protein ligase involved in the proteasome-mediated ubiquitin-dependent degradation of target proteins. Through the degradation of CTNNB1, functions downstream of FOXF2 to negatively regulate the Wnt signaling pathway. Probably plays a role in the development of the central nervous system and in neuronal maintenance (By similarity). Also acts as a transcriptional regulator of genes controlling female reproductive function. May play a role in gene transcription by transactivating GNRH1 promoter and repressing PENK promoter (By similarity).[UniProtKB/Swiss-Prot Function]