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Product datasheet for MC208062

Arl6ip5 (NM_022992) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Arl6ip5 (NM_022992) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Arl6ip5
Synonyms:	5930404D22Rik; addiscin; Aip-5; AV001879; Gtrap3-18
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>MC208062 representing NM_022992 Red=Cloning site Blue=ORF Orange=Stop codon TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC GCCGCGATCGCC ATGGACGTGAACCTCGCCCCGCTCCGTGCCTGGGACGATTTCTTCCCGGGCTCTGATCGTTTCGCCCGGC CGGACTTCAGGGACATTTCCAAATGGAACAACCGTGTAGTGAGCAATCTGCTCTATTACCAGACCAACTA CCTGGTGGTGGCTGCCATGATGATTTCGGTTGTTGGGTTTCTGAGCCCCTTCAACATGATCCTCGGAGGA GTCATTGTGGTGCTGGTGTTCATGGGGTTCGTGTGGGCAGCGCACAATAAAGACATCCTCCGCCGGATGA AGAAGCAGTACCCAACGGCCTTCGTGATGGTGGTCATGCTAGCCAGCTACTTCCTCATATCCATGTTCGG GGGTGTCATGGTCTTTGTGTTCGGCATCACTCTTCCTTTGCTGTTGATGTTCATCCACGCATCCCTGAGA CTTCGCAACCTCAAGAACAAGCTGGAAAATAAAATGGAGGGAATCGGCCTGAAGAAAACTCCGATGGGCA TTATCCTGGATGCCTTGGAACAGCAGGAAGATAACATCAACAAATTTGCTGACTACATCAGCAAAGCGAG GGAGTAA ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT ACAAGGATGACGACGATAAGGTTTAA
Restriction Sites:	SgfI-MluI
ACCN:	NM_022992
Insert Size:	567 bp

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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:	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_022992.2, NP_075368.1
RefSeq Size:	1339 bp
RefSeq ORF:	567 bp
Locus ID:	65106
UniProt ID:	Q8R5J9
Cytogenetics:	6 D3
Gene Summary:	Regulates intracellular concentrations of taurine and glutamate (By similarity). Negatively modulates SLC1A1/EAAC1 glutamate transport activity by decreasing its affinity for glutamate in a PKC activity-dependent manner (PubMed:12119102, PubMed:18684713). May be involved in membrane traffic (By similarity).[UniProtKB/Swiss-Prot Function]

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