

## Product datasheet for RN209107

### Arl6ip5 (NM\_023972) Rat Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Arl6ip5 (NM_023972) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Arl6ip5
Synonyms:	Gtrap3-18
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>RN209107 representing NM_023972 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGGACGTGAACCTTGCCCGCTCCGTGCCTGGGATGATTTCTCCCGGGCTCTGATCGTTTCGCACGGC  
CGGACTTCAGGGATATATCCAAATGGAACAACCGTGTAGTGAGCAATCTGCTCTATTACCAGACCAACTA  
CCTGGTGGTGGCTGCCATGATGATTTAGTCGTTGGGTTCTGAGCCCTTCAACATGATCCTTGGAGGA  
ATCATTGTGGTGGTGTTCACGGGGTTGTGTGGGCAGCACACAATAAAGACATCCTCCGCCGGATGA  
AGAAGCAGTACCCAACGGCCTTTGTCATGGTGGTCTAGCCAGCTACTTCTCATATCCATGTTTGG  
GGGTGTCATGGTCTTTGTGTTTGGCATCAGTTTCCCTTATTGTTGATGTTTCATCCATGCATCCCTGAGA  
CTTCGAAACCTCAAGAACAACTGGAAAATAAAATGGAGGGAATAGGCTTGAAGAAAACGCCGATGGGCA  
TCATCCTGGATGCCTTGGAAACAGCAGGAAGACAGCATCAATAAATTTGCTGACTACATCAGCAAAGCCAG  
GGAG**TAA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	Sgfl-Mlul
ACCN:	NM_023972
Insert Size:	567 bp



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<b>OTI Disclaimer:</b>	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).
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<u><a href="#">NM_023972.3</a></u> , <u><a href="#">NP_076462.1</a></u>
<b>RefSeq Size:</b>	567 bp
<b>RefSeq ORF:</b>	567 bp
<b>Locus ID:</b>	66028
<b>UniProt ID:</b>	<u><a href="#">Q9ES40</a></u>
<b>Cytogenetics:</b>	4q34
<b>Gene Summary:</b>	modifies glutamate transporter EAAC1 function by lowering EAAC1 substrate affinity; regulates glutamate transport [RGD, Feb 2006]