

## Product datasheet for **SC322887**

### AKIP (AURKAIP1) (NM\_001127229) Human Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	AKIP (AURKAIP1) (NM_001127229) Human Untagged Clone
Tag:	Tag Free
Symbol:	AURKAIP1
Synonyms:	AIP; AKIP; MRP-S38
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>SC322887 representing NM_001127229. Blue=Insert sequence Red=Cloning site Green=Tag(s)

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GCTCGTTT TAGTGAACCGTCAGAATTTTGT AATACGACTCACTATAGGGCGGCCGGGAATTCGTCTGACTG
GATCCGGTACCGAGGAGATCTGCCGCC GCGATCGCC
ATGCTCTGGGGCGCCTGACTTCCAGCTGTTGAGGGCCGTTCTTGGGCAGGCGGCCGCCCGCTTGG
CCCGTCTCTGGAGTGCTGGGCAGCCGGTCTGCCGGCCCTTTACAGCACATCGCCGGCCGGCCAGGT
AGGGCGGCCTCTCTCCCTCGCAAGGGGGCCAGCTGGAGCTGGAGGAGATGCTGGTCCCCAGGAAGATG
TCCGTAGCCCCCTGGAGAGCTGGCTCACGGCCCGCTGCTTCTGCCAGACTGGATACCGGGACCGCA
GGGACTGTGGCTCCACCGCAATCTACCAGTGTCGCCCCAGCCAGATAGGGGAAGGGCCGAGCAGGGG
GATGAAGGCGTCGCGGATGCGCCTCAAATTCAGTGCAAAAACGTGCTGAAGATCCGCCGGCGGAAGATG
AACCACCACAAGTACCGAAGCTGGTGAAGAAGACGCGGTTCTGCGGAGGAAGTCCAGGAGGGACGC
CTGAGACGCAAGCAGATCAAGTTCGAGAAAAGACCTGAGGCGCATCTGGCTGAAGGCGGGCTAAAGGAA
GCCCCGAAGGCTGGCAGACCCCAAGATCTACCTGCCGGGCAAA TGA
ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC
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Restriction Sites:	Sgfl-MluI
Plasmid Map:	<input type="checkbox"/>
ACCN:	NM_001127229
Insert Size:	600 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>OTI Annotation:</b>	This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.
<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_001127229.1</a></u>
<b>RefSeq Size:</b>	951 bp
<b>RefSeq ORF:</b>	600 bp
<b>Locus ID:</b>	54998
<b>UniProt ID:</b>	<u><a href="#">Q9NWT8</a></u>
<b>Cytogenetics:</b>	1p36.33
<b>Protein Families:</b>	Druggable Genome
<b>MW:</b>	22.4 kDa
<b>Gene Summary:</b>	<p>May act as a negative regulator of Aurora-A kinase, by down-regulation through proteasome-dependent degradation.[UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (2) has a 5'UTR resulting from use of an alternate splice donor site.</p>