

## Product datasheet for **SC127114**

### **KIAA1644 (AK090953) Human Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	KIAA1644 (AK090953) Human Untagged Clone
Tag:	Tag Free
Symbol:	KIAA1644
Mammalian Cell Selection:	None
Vector:	<u><a href="#">pCMV6-XL4</a></u>
E. coli Selection:	Ampicillin (100 ug/mL)



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**Fully Sequenced ORF:** >NCBI ORF sequence for AK090953, the custom clone sequence may differ by one or more nucleotides

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AGTAATACTAAGGGCTGCATCTCAGGCTGACCACAGGGCAGGTGCCAAGTTAAGTGTTCATGCACTCC
CTCTCTCACCACCTGGGAGGCAGGTATGATTAACCCCTGCAGAAAACTCACAGTGGGAAGCGGTGCC
GGAACCCAAAGTCCAGGCTCCAACCTCCCTGGACGTGACATGCTCGCCAGCCGGGGTACACCCTGCACAAT
GCTGGGAGCATCTCCTTGATGCCTCCACCATCACCGCTGGAGCGCTGATCCACTCAGCACATTCTGGCT
AAGCATCTGCTGTGTGCCAGGCCCGTGTGGGAGTGTGGAAATGAAAGATGAGTTAGATCTCATCTC
TGCCCCGGGGAGCCTCCCATCTGGTGGGAGACACAGACACGTGGATCTTTGCTGAAAAGGGTAACAAGG
CCATGGAACCCAGGCAGGAGCGTTCTAGAAAATCCATCCACTTTCAAGTAGGACTTCCATGCCCCGTAACA
TCCACCCACCGAGCTAATCACCCCACTCTGCCCGCTGCCCTGGGACACCTATGAGATGGCATCACCT
AAATCATCACAACATCTCCAAAGGCCATGCTGCCAGTGTAGACACACTATTCCATGGGTGTTAGTGAT
ACCAAATCTCCCCAGCTCTTAGCTCGGGAGGCCCTGCTTGTATCAATGTGTGTCTCTGACGCAGTTT
CCTCATTTTCATCAGACCTAGTGTCTCACACTGACCACCATCCATTACCAGACACGACAGTGAGCAAG
GCAGGTCCCTGCTCACTGTGCTAGCTTTTAGCTGGGGCAGGAAGACAGTGAAGAAGGAAGTGGCGAAG
GCAGTGAGTGCTCTGCCGGAACTCAGTGCCAGGAACTCAGTTCGAGGGACACGTGAGTGAGACCCTTGT
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GCCAGTAAATGGGCGTTAAAGATAGGAAAAGAGCATTCCAGGCAGAAAGAACGGCTAGTGCAAAGATCCTG
CGGCAGCCACAGGCTTGGTGGTTTCAAGGAAGCACAAGAAAGCCAGGTGGCACAAGAAAGCCAGGTGGCT
GGGGACCCAGAGGGAAGGCAGAAGGAGATGAGGGTGATAGTGCCAGCTCTGGGCTCTGCTGTGAGTCAA
GCTGTGCAAAACAATGTCTGCCTTTGGAAAAGCAGAACAACCTTGTAGGGCATAAAGCATCTCCAT
TCTGCCTGGCTGTCCATCTCTCAACAGCCCCATGAAGAAGGGGCTCTCCCCATTTTATGGACAAGAAGA
CAGACTCAGCTGGTCAAGTGGCTTGCCAGGATCACACAGGTACAGCTGTGGAAGACCCAGGCCCTGGC
TTCAGTCTTTGGGTCCAGCTGTCTCCTCCAGGCAGTGTGCCAGTGTCCAGGCATATGGCTTGGCAAAGT
GGGAGAACCTCTGCTTGGGGTCTCGATTGGAGAAAGGAATGGCTTCTCTCCCCTGATGTGAGCCGTCCT
AGGGCCATGTTGCCGTAAGGGGGTGCACAGCCTGTCCACTAGCCAGCTGCGGAAGCCACAGCTGTGTCC
CACGTGCAGTGCCTCAGAAGGCAGAGGAAGCCTTGAAGTGGGGGCCAAGACCCAGATTCTGACATCAGC
TCTGCCACTGAGAACAGCGTGACCTCAGGCAAGGTCTGTTACCTCAGTTTCCCCATCGGTAAAGGAAGG
AGTCAGATGGGTATTTAAGGAGTTTGAACCCCTCGTGTCTGCTGTCTGGACAATGCTCTGTAGGTGCT
TCCTCTGCCAAAAGGAAGTGGTGGCCTTGCCCTCCTCTCCTGGACACCTGGGGTCAAAGGTCAGTGCCA
AATAGACAGCTAGAACTGGGGTTCACCTAAGCATCCCTTGAGATGTACAACCTTCTAGGAGGACATTCTCT
CCTGCCTGCCCCCTCCCCGCAAGAGGTCTTTTCAAGGAATAACTGAAAAACCCATGGGGTTTGTGGTCTCT
GCTGCTCTGCCAAGTCCCTCTTGGGCAGCTGGGCTGAGGACTGGAACATTCTGTGGCAAGCAGGAGGCCCT
CAGCAGAGATCACCAAGACCCAGCACACCTGGTACAGACAGCCTGCGGCAAGGCAGGTGCAGAGTGCAG
ACAGCCACGGCATCCTCCTTCTGCAGGTACCCCCACGAGCCACTTAACCTCTCAGAGCCTCTGCTTCT
CACCTGTCAAGTGTGTGAGGTAGGTACCAGTTAGTCACGGTACTTGTGTCTCACAGAGGAGCCGACAG
GTGAGAACAGTGTGCATGTGGGTGTGAACACTCAGTGTGGAAGCAGGTGTGTGTATTCAATCCCCCA
ATGGTGTCAAGGGCTCCTCAAAATGCCATGGGTCCCAGGTCAATTGTGATAAACACTGTCCCCATCCTGC
TGTGGTTGTGGCTGGAAGGTCCCTCAAGGAGTAGACTGTCCCTGAGAACAAGATGGATGCAGGGTAGTGA
CGAGTTCAAGCATAGCTAGAGTTACTGTTTTTGTAGCAACTCAACCTGATTTTTTAAAGCTGCCTACTTTTA
CTTTTTACTGTGAGCTTCTGTCCATCACCATGTAATTTGTAATAATAATAATAC
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<b>5' Read Nucleotide Sequence:</b>	>OriGene 5' read for AK090953 unedited ACTCACTATTAGGGCGGCCGCAATTCGCACGAGGGGCAGCCACAGGCTTGGTGGTTTCA AGGAAGCACAAGAAAGCCAGGTGGCACAAGAAAGCCAGGTGGCTGGGGACCCAGAGGGAA GGCAGAAGGAGATGAGGGTGATAGTGCCAGCTCTGGGCTCTGCTGTGAGTCAAGCTGTG CAAACACAATGTCCTGCCTTTGGAAAAGCAGAACAACTTGCTAGGGTATAAAGCATCCT CCATTCTGCCTGGCTGTCCATCCTCTCAACAGCCCCATGAAGAAGGGGCTCTCCCCATTT TATGGACAAGAAGACAGACTCAGCTGGGTCAAGTGGCTTGCCAGGATCACACAGGTCAG CTGTGGAAGACCCAGGCCCTGGCTTCAGTCTTTGGGTCCAGCTGTCTCCTCCAGGCAGT GCTGCCAGTGTCCAGGCATATGGCTTGGCAAAGTGGGAGAACCTCTGCTTGGGGTCTCGA TTGGAGAAAGGAATGGCTTCTCTCCCCTGATGTGAGCCGTCCCAGGGCCATGTTGCCGT AAGGGGGTGCACAGCCTGTCCACTAGCCCAGCTGCGGAAGCCACAGCTGTGTCCCACGTG CAGTGCCTCAAAGGCAGAGGAAGCCTTGAGGTGGNGGCCCAAGACCCAGATTCTGACA TCAGCTTGCCACTGAGAACAGCGTGACCTCAGCAAAGGTCTGTTACCCTCAGTTTCCC CATCGGTAGAGGAAAGAGTCAGATGGGTATTTAAAGGAGTTGCANCCCTTNTGCCTGG CTGTCCTGGACATGCTTGTGAAGGGGCTTCTCTGCCAAAAGGAAGTGGTGGCNCNTTTC TCTCTTTTCTTGACCCTTGGGGTCAAAGGGCACCTGCCAATTTAACGCTAAAAA
<b>Restriction Sites:</b>	NotI-NotI
<b>ACCN:</b>	AK090953
<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>	<a href="#">AK090953.1</a>
<b>RefSeq Size:</b>	2644 bp
<b>RefSeq ORF:</b>	2644 bp
<b>Locus ID:</b>	85352
<b>Cytogenetics:</b>	22q13.31
<b>Protein Families:</b>	Transmembrane