

Product datasheet for **SC105884**

AL713721 Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Tag:	Tag Free
Mammalian Cell	None
Selection:	
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)



Fully Sequenced ORF:

>NCBI ORF sequence for AL713721, the custom clone sequence may differ by one or more nucleotides

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GGAAGAAAATAGCCTTCAGCAGAAGCTGAGACAGGAGCCTAGAGGATGGACAGTAAGGAGTCGAAGGCTC
AGGATGAGGCTTTCCTGACTTCTCCCTAGGGGACTGATGTTCTCTACTGGTACAGACCTGTTTTATT
CATCCTTATATGCCCTAACCTGGAATGGGCCAGGGTGACAGTTATAATAAGTGTGTCAAGTGAGCAAG
TGTGTGGAGTGTGATTGTAGAGAGTAAGGTCTCTACAGGATCCTGCTGGAGAGGCAGCCCACTGGGCTC
ACCACTTCTCCAGAGGAGGGACTGGTCCCTTGCCAGACAACCTGCCAGCTGGAGCAGGCTTCTCAGGG
GTGCTGGAGCTGTTGACCATGGCTGTTGCCCTCTGGCCCTCTTGGGAAGAGCAACCTGTCAGGTGTTA
AAGACGGTCTTCATTTCTTCTCCAAGTAAACATGACTAGTTTCCATCTCACCATCTTCTGGCCCTCAG
CAGACTGGTTATCCAGCTGGAGAGGCAACAGTAGTATCCAGATGTGATCCGAACAGACAGAACGATGGA
TGCAGACGGAATAATCAGGTTTGTGTGCTTCGGCAGTCAGTATATGCAAGTCGTAATGGGGACAGTGGCT
GGCATGGCTTTAGCACTGTGGGAAGGATCAGGGTGTCTGCCCATCATTTTTCTCTTTGATAGACACT
GTTTACGTAGACACTGTTTGGTGTAAACCTACGTTGTAGCTCTTGCAACAGTGTATGTTTCTCT
CAACTGCTCGAAACTCCCTGAGGTGGCTGGCTTGTAGGCACTCCATACCTGTTAGCTAGTATTATTTA
TTTATTGTTTTATTATTGAATGGACAATCAATTCATGTCAATTAATGAACATGGGCTATGTGCCAGAGA
CCACCAGGTGCCAGAATACAACACTGAACACAGTAGGCTGTCCCTGGGCCCCAGAGCTCCAGACACA
CTAGGAAGACTTGTGATTTAATGATAACCTTGATTGAGCTCATGATTAACATCTTCACCACAGACAT
CATTGAGTGCTCTCTGTGTGTTCAACTCAGAACATACCCTTCTGCCCTCAGAGGCTGGAATGTGAGAGT
CATTAAGGGAGACACCATTGTGGGAGTGAGAAAATCCTGGACTTGGAGGAACTGACTAGGGATCACCTC
CCAGCTCTGCCATGGACCACTGTGTGACCATGGGCAAGTTACTTGACCTCTCTGAGCCTCAGTTATCTT
ATCAGTGAACTGGGTTAATAATATATCTCTCAGTGGCACAGGAGGATCACATAGGGTCACCACACTCCA
CAACTCCAGGAGATGCTGTTAACATTTAGTCTATGGATCCTCTGGTGGCCTAAGATTTAAATGAGAGCA
CTTTTGCTATGTGACCTGAAGTTAATGTCAATAAGTTATAGCTATTGTTATGTACAATGTAAGCAGGGGT
CACTGCAGGCCAGAAGGCTGACACAATTTGGCCAGGCTTTGTTCTTCAAGGAAGGGCAGGGCTCTGAGAA
GTGCAGACCGTGATGCAGGTGAAGGCCAGGAGGCAGGACTCCAGGGCAGGTCTGGAAGGAGCGAGGCT
GGTGACGGAAGTGGTCAGCAACCTCAAGGCATGAGTAAGGCGCTTGCCCTTCTCTCCAGGCACAGAGGAG
TCACTGGAAGCTGGGCAAGAGCTGGGATGGATGAGACCAAGGCGAATACTTTACTTATTAAGCTGCAAA
GGACCTTAGGGAGCATCTGTCTTACCAGGCAACAAAGGCCAGGGAGGAAAGTAGTGAGTCTCCAGGG
TCACACAGCAAGGACCAGGGCCGCGCCAAGACTCCCACCCCTGCAGAACCAGCTCAAATGATTCCTTG
AGCCCAGTGTGTGGCTCCACAAAAGAAAGTTCTGGCACTTTTCATATTTATTATAATTTTTTTCTGA
TTATAAAAGTAATTATAGGCCAGTCAAGGTGGCTCACGCCTGTGGTCCCGGTACTTTGGGAGGCCGAGGC
AGGAGGATTATGTGAGCTCAGGAGTTCGAGACCAGCATGGACAGCATGGCGAAATCCTGTCTCTACAAAA
AATTAGCTGGGCATGGTGGTATGTGCCTGTGGTCCCGGCTTCTCCGAGGCTGAGGTGGGAGGATCACTT
GAGCCTGTGAGGTCGAGACTACACCGAGATTGCACTGAGCCGAGATTGCGCCACTGCGCTCCGCGCTTGG
TCAACAGGGTGAGATTTGTCTCAAAAAATAAGTAAAAGTAATTATAGGTCATCATGGAATATTTTTAAA
CTATAGAAATATAAAAAATATATAATCACCTGTAATCCACCATCCAAAGATAATCACCTTAGTATTGT
GATGTATTCCTCCATCTGTATTCACAAAAAATTATATATTAATTAGATTTGAATTGTGTATAGTTTC
ACATCTCCCTTTTCTCTGTAAAATTGTGCTTTATGAGAAGGAGGATTGTTTTAATGTAGAAGAACT
AGAAAACCTTTTTCTCAAAAAAAAAAAAAAAAAA
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5' Read Nucleotide

Sequence:

>OriGene 5' read for AL713721 unedited
CAGATTTTGTAAATACGACTCACTATAGGGCGGCCGGAATTCGCACGAGAATCCTGCTG
GAGAGGCAGCCCACTGGGCTCACCATTCTCCAGAGGAGGGACTGGTCCCTTGCCAGACA
ACCTTGCCAGCTGGAGCAGGCTTCTCAGGGGTGCCTGGAGCTGTTGACCATGGCTGTTG
CCCTCTGGCCCTCTTGGGAAGAGCAACCTGTCAAGGTGTTAAAGACGGTCTTCATTTCTC
TTCTCCAAGTAAACATGACTAGTTTCCATCTCACCATTCTTGCCCTCAGCAGACTGGT
TATCCAGTCTGGAGAGGCAACAGTAGTATCCAGATGTGATCCGAACAGACAGAACGATGG
ATGCAGACGAAAAATTCAGGTTTGTGTGCTTCGGCAGTCAGTATATGCAAGTCGTAATGG
GGACAGTGGCTGGCATGGCCTTTAGCACTGTGGGAAGGATCAGGGTGTCTGCCATCATT
TTTCTCTCTTTGATAGACACTGTTTACGTAGACACTGTTTGGTGTAAACCCACGTTG
TAGCTCTTGTAACAGTGTTATGTTTCTCCTCACTGCTCGAACTCCCTGAGGTGGC
TGGCTTGTAGGCACTCCATACCTGTTAGCTAGTATTATTATTATTGTTTATTATTG
AATGGACAATCAATTCATGTCAATTAATGAACATGGGCTATGTGCCAAACCCACCCAGTG
CCAGAATACAACACTGAACACAGTANGCCTGTCCCTGGGCCCCAGAGCTCCCANACAC
TANGAAGACTTGTGATTTATGATAAACCTTGATTGAGCTCATGATAACATCTTACCAC
AGACATCATGATGCTCTGTGTGTTCACTCAGACATACCCTTCTGCCCTCAAGCTGGAT
GTGANATCATAGGAGACACATGTGGAGTGGAAATACTGACTGAGGACTGCTANGNATAC
TNCCACTTGCATGGACCCTGGGGACTGG

3' Read Nucleotide

Sequence:

>OriGene 3' read for AL713721 unedited
GGTACTCTATGNACGCGGCCGATTCTANNGATCGGTTTTTTTTTTTTTTTTTTTTTTTT
AAAAAAGTTTCTAGTTTCTTCTACATTAACCAATCCCTCCTTCTCATAAAGCACA
ATTTTACAGAGGAAAAGGAGATGTGAACTATACACAATCAAATCTAATTAATATATA
ATTTTTTTGTGGAATACAGATGGAGGGAATACATCACAATACTAAAGGTATTATCTTTG
GATGGTGGGATTACAGGTGATTATATATTTTTTATATTTCTATAGTTTAAAAATATTCCA
TGATGACCTATAATTACTTTTACTTATTTTTTGAGACAAAATCTCACCCTGTTGACCAAG
GCTGGAGCGCAGTGGTGAATCTCGGCTCAGTGAATCTCGGTGTAGTCTCGACCTCACA
GGCTCAAGCGATCCTCCACCTCAGCCTCCGGAGAAGCCGGGACCACAGGCACATACCAC
CACGCCACGCTAATTTTTTTGTAGAGACAGGATTTGCCATGCTGTCCATGCTGGTCTCGA
ACTCCTGAGCTCACATAATCCTCCTGCCTCGGCCCTCCCAAAGTACCGGGACTACAGGTGT
GAGCCACCTTGACTGGCCTATAATTACTTTTATAATCAGAAAAAATTATAAATAAATA
TGAAAAGTGCCAGGAACCTTTCTTTTGTGGAGCCACACACTGGGCTCAAGGAATCATTTGA
GCTGGTTCTGCAGGAGTGGGAGTCTTGGCGCGGGCCCTGGTCTTGTGTGTGACCCGTG
GAGACTCACTACTTTCCCTCCNTGGCCTTTGTTTGCCTGGAAGACAAATGCTNCCCTAG
GTCCTTTGCAGCTTATAAGTAAAGTATTCGCCTTGGTCTCATCCATCCCAGCTCTTTGCC
CAGCTTCAGTGACT

Restriction Sites:

NotI-NotI

ACCN:

AL713721

Insert Size:

2500 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:	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>AL713721.1</u>
RefSeq Size:	2553 bp
RefSeq ORF:	2553 bp
Locus ID:	441109
Cytogenetics:	5q23.3
Gene Summary:	DISCONTINUED: This record has been withdrawn by NCBI because the model on which it was based was not predicted in a later annotation.