

Product datasheet for SC115307

C12orf24 (FAM216A) (NM_013300) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	C12orf24 (FAM216A) (NM_013300) Human Untagged Clone
Tag:	Tag Free
Symbol:	C12orf24
Synonyms:	C12orf24; HSU79274
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene ORF within SC115307 sequence for NM_013300 edited (data generated by NextGen Sequencing)

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ATGCTGGGACAGCTGCTCCCGCACACGGCTCGCGGTCTCGGCGCCGCGGAGATGCCCGGC
CAGGGTCCGGGGTCCGACTGGACGGAGCGTAGCTTTCTGCAGAGCCGCCGCTGTGGCC
GGGACCGAGGGTGGCGGCGGCGNNNGCTGGATACTCTTGTACCAGAATTCCAAAGGT
TCTGATAGAATCAAAGATGGATACAAAGTGAACACACATAGCTAAGCTGCAAGAGTTA
TGGAAAACCCCCAAAATCAAACAATCCACCTCTCTAAATCAATGATGGAGGCGTCCTTT
TTCAAGCATCCAGACCTCACCACAGGCCAGAAGCGTTACCTGTGCAGCATTGCTAAAATC
TATAATGCAAATCTGAAGATGTTAATGAAGAGGCAGTACATGCACGTAATTCAGCAC
AGCTCACAAAAGCCAGGTGTCTCACTCATCACAGAAGCCGCTTAGCTCCCGTTACTCA
CAGAAACAGCATTACCCTTGCACTACATGGCGACATCAACTGGAGAGAGAGGACTCGGGG
TCTTCTGATATCGCAGCTGCATCTGCACCTGAAATGCTCATAACAGCATTCCCTTTGGCGG
CCAGTGAGAAAACAAGAAGGGATAAAAACCTGGATATGCATCTAAAACAAGATGTAAGTCA
CTGAAGATTTTTAGAAGACCAAGGAAACTGTTCAATGCAAACAGTTTCTTCAGATGATTCT
GAATCACACATGAGTGAAGAAAAAAGGAAGATTTACTAAATAATTTTATGCAATCA
ATGTCAATTGAAGAACAGGGAGAACATCTGATGTTAATTGA

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Clone variation with respect to NM_013300.2
143 g=>n;144 a=>n;145 t=>n;146 c=>n;147 a=>n



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5' Read Nucleotide Sequence:

>OriGene 5' read for NM_013300 unedited
 GTCAGGATATATGTAACACGACTTCACTATAGGGCGGCACGCCAATTCGGCACGAGGCCT
 CGTGCCGAATTCGGCACGAGGAGTTGATGGAAATCGGCCGTTGGGATGCTGTCTAAGCTT
 GGATACCTGAGTAATAACGGACAACAGATAAAGCTCCGCATCCTTGCCACAGTGTCTTCG
 GTCCGTGGTTTGGTGCAGACGTTTACCTGTATTGTGTACCCTCGCGATTTGCAAATGT
 CCTGAGGATCTGGAATACTGAAGTGAAGGACACCTCTTGTGTTGGGGAGCATGTATATTT
 CCCTCTGTGACGCACTGCTTCCACAGAGAGGTGCAAACGTGCAAACGCTCAGCGACCGC
 AGCGCTCCTGCCCTCCCCACCGTAACCTCCGGGGTTCGCGGATCTGCCGCCCCGCTCTC
 CCGAAGCTGTTCCGGCAGTGTCCGAACGCTTCGGAGGGGCGAGAAGCCAGCATCCGAGC
 CGCCTCTCCGGAATACCAGCAGCCTGACGCACGCGTGTGTGGGGGAGGGATGCTGGGA
 CAGCTGCTCCCGCACACGGCTCGCGGTCTCGGCGCCGCGGAGATGCCCGCCAGGGTCCC
 GGGTCCGACTGGACGGAGCGTAGCTCTTCTGCAGAGCCGCCGCTGTGGCCGGGAACCGA
 GGTGGCGCGCGGCTGGATACTTGTACCAGAATCCAAGTTCTGATAGAATCAAA
 GATGGATACCAAGTGAACCTCACACATAGCTAAGCTGCAAGAGTTATGGAAAACCCCAA
 AATCAAACAATCCACCTCTAATCAATGATTGGAGCCGCTTTTTTCAGCATCCAACCT
 CACCACAAGCCANAAGCCGTACCTGTGCAGCATTGCTAAAATCTATAATGCCAACATCT
 TGNAGATGTNAATTGAAGAGCAGTACATGCACCTTACT

3' Read Nucleotide Sequence:

>OriGene 3' read for NM_013300 unedited
 CAATCTAGAGTCGAGTTTTTTTTTTTTTTTTTTTGAATGCAAAAAAAGTTTTAATTGTATC
 TAGCTAGAAGTACAAGTATATGTTACATGTAATTTTCTTACATAACTATCATTGGTACA
 TGGAACATACATCAGACCAATTACATTGTTTTAAGTTTCTGAACAAACAAAATTACTTAA
 TGATTTAATAAAATAACAATACCATCCTAACATACAGGACACAACCTCACAAACCCCTTACC
 CTCACCTTTGGCAGCAATTCAATACACGAGACAAGACTGTCAAGTTAACATCAGATGTTT
 TCCTGTCTTCAATTGACATTGATTGCATAAAATTTATTTAGTAAATCTTCTTCTTTTT
 TTCTTCACTCATGTGTGATTGAGAATCATCTGAAGAACTGTTTGCATGAACAGTTTCT
 TGGTCTTCTAAAAATCTTCAAGTACTTACATCTTGTGTTTATAGTGCATATCCAGTTTTAT
 CCCTTCTTTGTTTCTCACTGGCCGCAAAGGGAATGCTGTATGAGCATTTCANGTGCAGA
 TGCAGCTGCGATATCAGAAGACCCCGAGTCTCTCTCCAGTTGATGTCGCCATGTAGT
 GCAAGGGTAATGCTGTTTCTGTGAGTAAACGGGAGCTAAGGCNGCTTCTGTGATGAGTGAG
 GACACTGGCTTTTGTGAGCTGTGCTGAAGTACGTGCATGTACTGNCTTTCATTAAACAT
 CTTCAGATAGTTTGCATTATAGAATTTTAGCATGCTGCACAGGGTACGCTTNCTGCCTG
 TGGTGAGGTCTTGGATGCTTGA AAAAGGACCCCTCCATCATTGATTAANAAAGTGGGGAT
 GGTTGATTTGGGGAAGTTTCCATACTCTTGCAGCTAACTAGGGGGGAATCCACTTGATTC
 ATCTTTGATCTACAAACCTTGTGAATTCTGTACAAAAATTTACC GCCCGCCGACCTTGT
 CCCGCACAAGGGGGGTTTTAAAAATACCTCCGCAA

Restriction Sites:

NotI-NotI

ACCN:

NM_013300

Insert Size:

1610 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.

RefSeq: [NM_013300.1](#), [NP_037432.1](#)

RefSeq Size: 1506 bp

RefSeq ORF: 822 bp

Locus ID: 29902

UniProt ID: [Q8WUB2](#)

Cytogenetics: 12q24.11