

Product datasheet for **RC236726**

C22orf24 (NM_001302819) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	C22orf24 (NM_001302819) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	C22orf24
Synonyms:	HSN44A4A
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
ORF Nucleotide Sequence:	>RC236726 representing NM_001302819 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGTTCCCACTGGGTGGGCTGGGTTGGGAGGGGCTGTCGTGCATGGTCCGGGAAAGCTGGAGAAGGCTG
TTCCTTACCCCCGAGCCTTGGATTTCTTATCTGTGAAATGGGAGGCTGCAATGATGAATGGCAAAGTACC
TTTTTTTTTCAGCTCTGAAAGTCTAGGATATTTGCCACTGGAAGACCAGCAGACAATGTCATGACAACT
CAAGAGGATACAACAGGGCTGCATCAAAAGACAAGTCTTTGGACCATGTCAAGACCTGGAGCGAAGAAGG
TAATGAACTCCTACTTCATAGCAGGCTGTGGGCCAGCAGTTTGCTACTACGCTGTCTCTTGGTTAAGGCA
AGGTTTCAGTATCAACCTGACTTCTTTTGGGAAGGATCCCTTGGCCTCACGCTGGAGTGGGCACCTGCCCT
AGCCCACAGAGCTGGATTTCTCCCTTTCTCAATCACACAGGGAGCACCCTATGCAAAGACCTCATCAC
ATTCACAGCCGTCTCCGAGAGCCTCGCACTGTGCTTGGCATATAGCAGGTGCTCAATAAATATCTGCCA
AATGACTGAATGCATCTCGCTAGCCTCAGGATGCCACCAGGCCCTGAGGGAGCCAGGAAGATCAGAGGAA
AGCTTTTGGATTCTGCCACACCTTACATTAGCAACATCTTCTCCGAGTCC

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence: >RC236726 representing NM_001302819
Red=Cloning site Green=Tags(s)

MVPTGWAGLGGAVVHGPGLKAVPSRALDFLSVKWEAAMNGKVPFFFSSESLGYFATGRPADNVMTT
 QEDTTGLHQKTSLWTMSRPGAKKVMNSYFIAGCGPAVCYYAVSWLRQGF SINLTSFGRIWPWPHAGVGTCP
 SPQSWISPFLLQSHREHHYAKTSSHSQSPQSLALCLAYSRC SINICQMTECISLASGCHQALREPRSEE
 SFWIPATPYISNIFSES

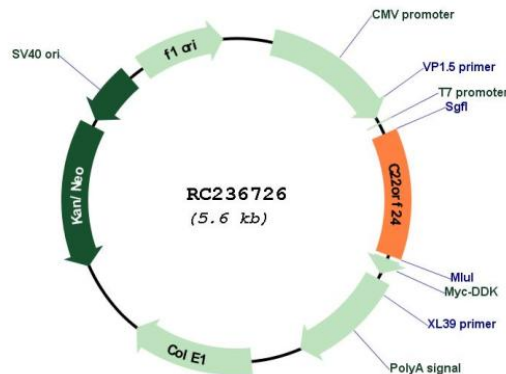
TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: SgfI-MluI

Cloning Scheme:



Plasmid Map:



ACCN: NM_001302819

ORF Size: 681 bp

OTI Disclaimer:	The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. More info
OTI Annotation:	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
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:	<ol style="list-style-type: none">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_001302819.1 , NP_001289748.1
RefSeq Size:	1468 bp
RefSeq ORF:	684 bp
Locus ID:	25775
UniProt ID:	Q9Y442
Cytogenetics:	22q12.3
Protein Families:	Transmembrane
MW:	25.2 kDa