

Product datasheet for **RC236764**

CXorf26 (PBDC1) (NM_001300888) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	CXorf26 (PBDC1) (NM_001300888) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	CXorf26
Synonyms:	CXorf26
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>RC236764 representing NM_001300888 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGCGGCCACCACTGGAAGTATGAGCCGGTTTCGGGGAGTTGGTGTCTGTGGCAGATGCGCTTTCTC
TCCCAGCAGAGTCGTATGGCAACGATCCTGACATTGAGATGGCTTGGCCATGAGAGCAATGCAGCATGC
TGAAGTCTATTACAAGCTGATTTTCATCAGTTGACCCACAGTTCTGAACTACCAAAGTAGATGACCAA
ATTTACTCTGAGTTCCGAAAAAATTTGAGACCCTTAGGATAGATGTGTTGGACCCAGAAGAACTCAAGT
CAGAATCAGCCAAAGAGCCCCAGGATACAATTCTTTGCCATTGAAATTGCTCGGAACCGGAAGGCTAT
AACAAAGCTGTTTATATCAGTGTTTCAGGACAAAGAAGGAGAGAAAGGAGTCAACAATGGAGGAGAAAAA
GAGCTGACAGTGGAGAAGAAGAGAACACCAAGAATGGAGGAGAGAAAGGAGCTGATAGTGAGAAGAAAA
AGAGGAAGGAATCAACAGAGAAGACAAACTGACAAAGGAGGAGAAAAAGGGAAGAAAGCTGACAAAGAA
ATCAACAAAGTGGTGAAGAAAGCTATGTAAGGTATACAGGGAACAGCACTCTAGAAGCTATGACTCAATT
GAGACTACAAGTACCACGGTGCTACTTGACAGACCCCTTTGGTTAAATGTAAATCTTGTACAAT

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



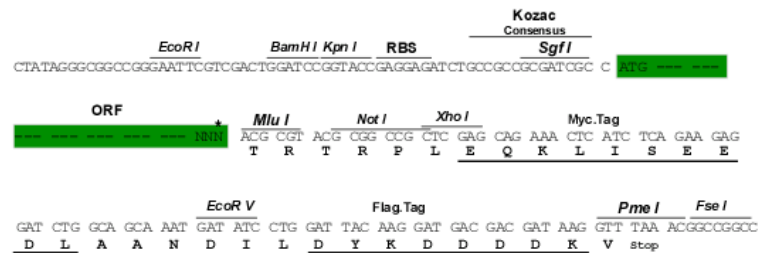
[View online »](#)

Protein Sequence: >RC236764 representing NM_001300888
 Red=Cloning site Green=Tags(s)

MAATSGTDEPVSGELVSVAHLSLPAESYGNDPDIEMAWAMRAMQHAEVYKLISSVDPQFLKLT KVDDQ
 IYSEFRKNFETLRIDVLDPEELKSESAKEPPGYNSLPLKLLGTGKAITKLFISVFRTKKERKESTMEKK
 ELTVEKKRTPRMEERKELIVEKKRKESTEKLTKEEKGKKLTKKSTKVVKLCKVYREQHSRSYDSI
 ETTSTTVLLAQTPLVKCKFLYN

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: SgfI-MluI



* The last codon before the Stop codon of the ORF

ACCN: NM_001300888

ORF Size: 696 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:

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: NM_001300888.1, NP_001287817.1

RefSeq Size: 1213 bp

RefSeq ORF: 699 bp

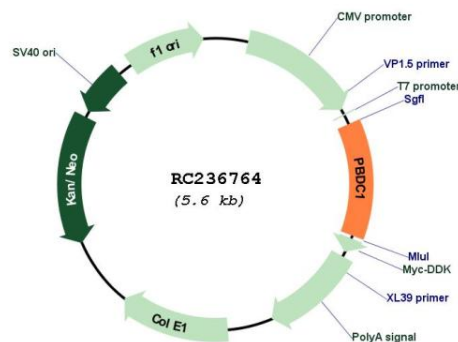
Locus ID: 51260

UniProt ID: Q9BVG4

Cytogenetics: Xq13.3

MW: 27.1 kDa

Product images:



Circular map for RC236764