

Product datasheet for **RG236764**

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:	TurboGFP
Symbol:	CXorf26
Synonyms:	CXorf26
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)
ORF Nucleotide Sequence:	>RG236764 representing NM_001300888. Blue=ORF Red=Cloning site Green=Tag(s)

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GCTCGTTTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
ATGGCGGCCACCACTGGAAGTATGAGCCGGTTTCCGGGGAGTTGGTGTCTGTGGCACATGCGCTTTCT
CTCCAGCAGAGTCGTATGGCAACGATCCTGACATTGAGATGGCTTGGGCCATGAGAGCAATGCAGCAT
GCTGAAGTCTATTACAAGCTGATTTTCATCAGTTGACCCACAGTTCCTGAAACTCACCAAAGTAGATGAC
CAAATTTACTCTGAGTTCCGGAAAAATTTGAGACCCCTTAGGATAGATGTGTTGGACCCAGAAGAACTC
AAGTCAGAATCAGCCAAAGAGCCCCAGGATACAATTCTTGCCATTGAAATTGCTCGGAACCGGGAAG
GCTATAACAAAGCTGTTTATATCAGTGTTGAGGACAAAGAAGGAGAGAAAGGAGTCAACAATGGAGGAG
AAAAAAGAGCTGACAGTGGAGAAGAAGAGAACCAAGAATGGAGGAGAGAAAGGAGCTGATAGTGGAG
AAGAAAAAGAGGAAGGAATCAACAGAGAAGACAAAAGTACAAAGGAGGAGAAAAAGGGAAGAAAGCTG
ACAAAGAAATCAACAAAAGTGGTAAAAAGCTATGTAAGGTATACAGGGAACAGCACTCTAGAAGCTAT
GACTCAATTGAGACTACAAGTACCACGGTGCTACTTGCACAGACCCCTTTGGTTAAATGTAAATCTTG
TACAAT
ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAAAC

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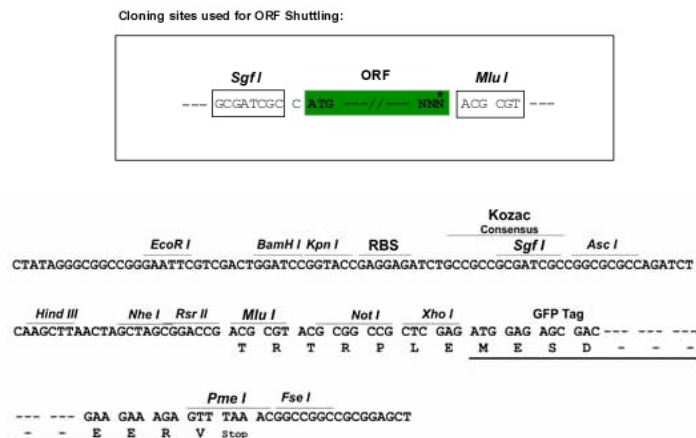
[View online »](#)

Protein Sequence: >Peptide sequence encoded by RG236764
 Blue=ORF Red=Cloning site Green=Tag(s)

MAATSGTDEPVSGELVSVAHLSLPAESYGNDPDIEMAWAMRAMQHAEVYKLISSVDPQFLKLTKVDD
 QIYSEFRKNFETLRIDVLDPEELKSESACEPPGYNSLPKLLGTGKAITKLFISVFRKKERKESTME
 KKELTVEKKRTPRMEERKELIVEKKRKESTKLTKEEKKGKKLTKKSTKVVKLCKVYREQHSRSY
 DSIETTSTVLLAQTPLVKCKFLYN
 TRTRPLEMESDESGLPAMEIECRITGTLNGVEFELVGGEGTPEQGRMTNKMSTKGALTFSPYLLSHV
 MGYGFYHFGTYPSTGYENPFLHAINNGGYNTRIEKYEDGGVLHVSFSYRYEAGRVIGDFKVMGTGFPED
 SVIFTDKIIRSNAVEHLHPMGDNDLDGSFTRTFSLRDGGYSSVVDSTMHFSAIHPSILQNGGPMFA
 FRRVEEDHSNTELGIVEYQHAFKTPDADAGEERV

Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: NM_001300888

ORF Size: 707 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).

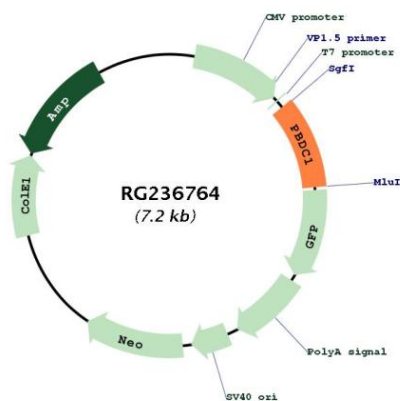
Note: Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.

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 RG236764