

CPXCR1 cDNA

Catalog Number: ATGD0488

PRODUCT INFORMATION

Catalog number

ATGD0488

Product type

cDNA

Species

Human

NCBI Accession No.

NP_001171700.1

Alternative Names

CT77

mRNA Refseq

NM_001184771.1

OMIM**Chromosome location**

Xq21.3

PRODUCT SPECIFICATION

Formulation

Lyophilized

Storage

Store the plasmid at -20C.

cDNA Size

906bp

Preparation before usage

1. Centrifuge at 7000rpm for 1 minute.
 2. Carefully open the vial and add 100ul of sterile water to dissolve the DNA.
- Each tube contains approximately 10ug of lyophilized plasmid.

Vector description

This shuttle vector contains the complete ORF. It is inseted BamH I to Xho I. The gene insert contains multiple cloning sites which can be used to easily cut and transfer the gene and recombination site into your expression vector.

Cloning Vector

pATGen (puc19-derived cloning vector)

General Description

CPXCR1 is one of several genes identified in a region of the X chromosome associated with an X-linked cleft

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palate (CPX) disorder. Mutation analysis of this gene has not revealed any mutation which causes the CPX disorder. Multiple alternatively spliced variants, encoding the same protein, have been identified.

DATA

Sequence nucleotides

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ATGAGTTCTCCTACTAAAGAAGGAAGTGATACAGCTGGAAATGCTCACAAAAATTCTGAAAATGAGCCTCCTAATGACTGTA
GTACAGACATAGAGTCTCCATCTGCTGATCCCAATATGATCTATCAGGTAGAAACCAACCCAATAAACAGGGAGCCAGGCAC
AGCAACCTCCCAGGAAGATGTTGTTCTCAAGCAGCAGAAAACAGCGAGCTCGAAACAGAGATCCAAAAAGATCAACGAGA
AGAAGATCTAAAAGAAGAGCTTCTTCTACTTCAGACCCCCATTCCCAGAAAATTGGTCTCTCACAAGCCCTTAAATGATAGAT
CAAGATCCCACTCAGGGAAAAGTTGAGATGAAAGCAAACAATTTCCCATAAATCACAAAACCTCGTTTTTCGACTTTCAACTTCA
TGGAGAGTCCCATTATTATAACAGTCATGAGATAAGAAGTATGATTCTCCATCTGCTATGTGATAGATATTTCTCTCAGGCTGC
AGGGTGTGAGAATACCATGTGGGTAAAGCGAAAAATATATAGCATGTCTTTACCATCCAAATAGTTTCACCCATCACGAGAGA
GCCATAACATTTAGAAGGCCTTCGAGGGTGCCTACTACCGTCCCCTCACTGAGAGAATGACATCAGGAAAAATTTGCAAAT
CAACTGACACTAAAGGGAAAATGTAGATTCCGTGCTATTGTGAGGTCTGTGCTCTTTGTGTACAGATACAAATTGAAAGTATT
TTTAATATAAAAGGTTTTGTGGATATATTGACATATATCCATACCATGAATGTTATGATCACAAACACCAATAATGGTTGGAAA
TACTTTTGTCCCATCTGTGGAAGGCTTTTTAACACTTACTCTGAATTAAGACAACATTCATGCAGCTCTTCTGGGAATTAA
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Transaction Sequence

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MSSPTKEGSD TAGNAHKNSE NEPPNDCSTD IESPSADPNM IYQVETNPIN REPGTATSQEDVVPQAAENS ELETEIQKDQ
REEDLKEELL LLQTPIPRKL VSHKPLNDRS RSHSGKVEMKANNFPINHKT RFRLSTSWRV PFINSHEIRS MILHLLCDRY
FSQAAGCQNT MWVVKRKYIACLYHPNSFTHH ERAITFRRPS RVHYRPLTE RMTSGKFCKS TDTKGKCRFR
AIVRSVLFVSQIQIESIFNI KGFVDILTYI HTMNVMITNT NNGWKYFCPI CGRLFNTYSE LRQHSCSSSGN
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