

Product datasheet for **SC328491**

CPXCR1 (NM_001184771) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	CPXCR1 (NM_001184771) Human Untagged Clone
Tag:	Tag Free
Symbol:	CPXCR1
Synonyms:	CT77
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>SC328491 representing NM_001184771. Blue=Insert sequence Red=Cloning site Green=Tag(s)

GCTCGTTTGTAGTGAACCGTCAGAATTTTGTAAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTG
 GATCCGGTACCGAGGAGATCTGCCGCC**CGCATCGCC**
 ATGAGTTCTCCTACTAAAGAAGGAAGTGATACAGCTGGAAATGCTCACAAAAATCTGAAAAATGAGCCT
 CCTAATGACTGTAGTACAGACATAGAGTCTCCATCTGCTGATCCCAATATGATCTATCAGGTAGAAACC
 AACCCAATAAACAGGGAGCCAGGCACAGCAACCTCCCAGGAAGATGTTGTTCTCAAGCAGCAGAAAAAC
 AGCGAGCTCGAAACAGAGATCCAAAAAGATCAACGAGAAGAAGATCTAAAAGAAGAGCTTCTTCTACTT
 CAGACCCCATTTCCAGAAAATTGGTCTCTCACAAAGCCCTTAAATGATAGATCAAGATCCCACTCAGGG
 AAAGTTGAGATGAAAGCAAACAATTTCCCATAAATCACAAAACTCGTTTTCGACTTTCAACTTCATGG
 AGAGTCCCATTTATTAACAGTCATGAGATAAGAAAGTATGATTCTCCATCTGCTATGTGATAGATATTTCT
 TCTCAGGCTGCAGGGTGTGAGAATACCATGTGGGTAAAGCGAAAAATATAGCATGTCTTTACCATCCA
 AATAGTTTCACCCATCACGAGAGAGCCATAACATTTAGAAGGCCCTTCGAGGGTGCACTACTACCGTCCC
 CTCCTGAGAGAAATGACATCAGGAAAAATTTGCAAATCACTGACACTAAAGGGAAATGTAGATTCGGT
 GCTATTGTGAGGTCTGTGCTCTTTGTGTACAGATACAAATTGAAAGTATTTTAAATAAAAGGTTTT
 GTGGATATATTGACATATATCCATACCATGAATGTTATGATCACAAACACCAATAATGGTTGAAATAC
 TTTGTCCCATCTGTGGAAGGCTTTTAACTTACTCTGAATTAAGACAACATTCATGCAGCTCTTCT
 GGGAATTAA
ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
 TACAAGGATGACGACGATAAGGTTTAAACGCCCGC

Restriction Sites:	SgfI-MluI
ACCN:	NM_001184771
Insert Size:	906 bp


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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).
OTI Annotation:	This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.
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:	<u>NM_001184771.1</u>
RefSeq Size:	1592 bp
RefSeq ORF:	906 bp
Locus ID:	53336
UniProt ID:	<u>Q8N123</u>
Cytogenetics:	Xq21.31
MW:	34.7 kDa
Gene Summary:	<p>This gene is one of several genes identified in a region of the X chromosome associated with an X-linked cleft palate (CPX) disorder. The encoded protein contains a motif similar to a motif found in zinc-finger proteins. 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. [provided by RefSeq, Sep 2011]</p> <p>Transcript Variant: This variant (2) differs in the 5' UTR compared to variant 1. Both variants 1 and 2 encode the same protein.</p>