

Product datasheet for **SC201377**

CXXC4 (NM_025212) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	CXXC4 (NM_025212) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	CXXC4
Synonyms:	IDAX
ACCN:	NM_025212
Insert Size:	2000 bp



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Insert Sequence:

>SC201377 3'UTR clone of NM_025212

The sequence shown below is from the reference sequence of NM_025212. The complete sequence of this clone may contain minor differences, such as SNPs.

Blue=Stop Codon Red=Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
AGCGCTGAAGCATTCCGATGGTTCTTTAAAGCAGTAGTATATCTTATTTTCAAGGCATTTGGAAATGA
AGGGCAAACAAATGTCTTGTGTTTTAAGAACTGCTTAGTCCACCACTGAAGAAAATATCCAGAAATATT
TTCATTTTATGTATAGGGCTTTCTTCAAAAAAAAAAAAAAAAAAGAGGAAAAGAAAAGAAAAGACATAAAA
ATAATGTGAGAGCTTGGAGAATTGGCCAGTCTATTTACTTTCAATACGCTGATTCTTTCTTGATGTAA
TTAGCTATAGTAGTGAAGTTGTGTCTATTTGAAAGTGGCTGTAAAAATAAGTTTGGGTAAACCCC
TGCTGTAAATCATGTATCTTTGCAAAGTACATATCTATACTTCATTTTCAAATATATGTGTTTCAGTA
CTGTAAACTGTACAGATAGCAGCTTGTATTTTGTGTGTTAGACACAAGGAGACAATCATGTCTGAGCA
TCTATGGAGATTAACAGTTTGTACACAACAGTATGGTTCTGCAAGTTAAATCTGGAGCAATAAATTTTA
GCTTTAACTATTTTTTGCCAGTGGTTTAGAAGCAGCAACAGCACTGGCACCATTTTGCCATGCATCTTT
CCATAGAGACTTGATGCCAAGTTTTACAAGACTAAAAGATTATGATGCATCCACCAATTACCTTCAGTT
TTATTGTTATAAGAGGGGAAGATGTTATGAAAGTTTCAATTAATCTTTGAGCACTATATTAGAGTAGT
GGTTATGCACTTGCAATTGCTTACAAACGAGCTGTACAGAAGGGTATACCTCCCAAATACTTAGTGTAGT
TGACTTGTCTTGGGTTGCACTGTAAAGCAGAGTACTCAGAGTAGTTGGAAAATGCAGAATCAGTTGTAT
AATTTTTTTTTATAAAAACGGTGTTTTTAGGCTAAAGAATAAAGTATCATATCTTAGGAGGGGAAAAT
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TATTTTTTCTGTAGGAAAAATCTTAATAAAAACACTACCCCAATGTTTTAACTTCATGTATGATATTTAA
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TACAAAGAATTAACATATTCATAAAAAGTGAGGCATTTTATCTCTTTTTATTTTCTTTTCTCATAGCCA
CCCAGTTGGACTAGTGGTCTTCCCCTGGTCTTCCAGTAAAATGCTCCATTGCTGCCATTTCCATTGTTG
TTACTTGATGCTTTCATTCCTGAGAAGGCAGGGCTACAGTCTCTGGAAATTCATAAATGCATGACATAC
CCCTCCCCCACAACCTACACACAAGGATCTAATGCTTCATAGAACCTGTGCTACCTTTTCATGTTGG
AGTTGGTTTTCTATCACAGTCAGGGTTCTTAAGGCCGCCATCAGGACAAATATTTACCTTCCATTT
TATTTCTGTTTGTCCCAATTATAAAGACTATTTTCAGTTTCAGGAGTAGAACAGGGTTTAGCAAAAATA
TGTAAGATATCAAAGTTACCTACTGCAACTTTTTGTTCTTTGTCCACTAGCCAGGTGATTTAACCCACT
AAATCCATTAGCTTGCTGAAAAATGTTAGCAAAGTAAATCACGAGAAGAAAGATAAATTTGAGAAGAGAA
ATGGTATGGTACAATGAAAGAAGCTGTAAGATTAGGAAAGACTAGTAAGTGAATATTTTTAAAAATTT
AGTTGTAGATTTCAATGGGATACGATAGGACAGAAAAGATTTTTTAAAAAGCAGAAAAGAGTGTTCATG
GTGAAAGTACTGGGGGAGGGTGGACAAAGCATGCACACATGCCAATTTGAAAATCAAGTGTGACTTACC
TCACGTAGAGTATGAATACATGGTCCACAGTTATGGTCAACAAGCGTTTTCAAGAAAACTCATGATG
ACGCGTAAGCGGCCGCGGCATCTAGATTCGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTCGATTCACCGCCGCCTTCTATGAAAGG
    
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Restriction Sites:

Sgfl-Mlul

OTI Disclaimer:

Our molecular clone sequence data has been matched to the sequence identifier above as a point of reference. Note that the complete sequence of this clone is largely the same as the reference sequence but may contain minor differences, e.g., single nucleotide polymorphisms (SNPs).

Components:

The cDNA clone is shipped in a 2-D bar-coded Matrix tube as 10 ug dried plasmid DNA. The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials.

RefSeq:

[NM_025212.4](#)

Summary:

This gene encodes a CXXC-type zinc finger domain-containing protein that functions as an antagonist of the canonical wingless/integrated signaling pathway. The encoded protein negatively regulates wingless/integrated signaling through interaction with the post synaptic density protein/ Drosophila disc large tumor suppressor/ zonula occludens-1 protein domain of Dishevelled, a scaffolding protein required for the stabilization of the transcriptional co-activator beta-catenin. In addition, the CXXC domain of this protein has been shown to bind unmethylated CpG dinucleotides, localize to promoters and CpG islands, and interact with the catalytic domain of methylcytosine dioxygenase ten-eleven-translocation 2, an iron and alpha-ketoglutarate-dependent dioxygenase that modifies the methylation status of DNA. In humans, a mutation in this gene has been associated with development of malignant renal cell carcinoma. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Sep 2015]

Locus ID:

80319

MW:

77.6