

Product datasheet for SC125926

CXorf20 (BEND2) (NM_153346) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	CXorf20 (BEND2) (NM_153346) Human Untagged Clone
Tag:	Tag Free
Symbol:	CXorf20
Synonyms:	CXorf20
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)

Fully Sequenced ORF: >OriGene sequence for NM_153346 edited
GGTGTCTCGGACAACGAGTGTACGCAGTTACCACACAGTTACCAAGCAGTTACCTCAGAG
CCGCGGCGCAGACGTAGGCCTCAGGTCTCGGGCCTCAGGTCTCGGGCCTCAGAGCCAGAC
CCC GCCATCTCAGATGTCAGAGAGGACCCAGGAACAGGATTTTGTATTATAAAGTGTCCG
ACGACAGTGATGATAACAATGATTGCAAGTATTGAGATGGTGGAAAGTTTCTGAAACAGCAG
ATAATTCCTACTAATGACATAGCAGATGATTCCACTTATGTACAGCAGATAATCCCACTG
ATGACACAGCCACACAACCAAATTTCCAGGCGCAATGATGGCCATCACCGTCCACTCC
AAATGTCATATGGGTCTGGCTCTGTCAACCAGGCTGGAGTGCAGTGGCATGATCAGAGCT
CACTGCAGCCTCAACCTTTGGACTCAAGCAATCTTCCACCTCAGCCTCCCAGTAGCT
GGGATGACAGGCGCACGCCACCATGCCAGTAGCCATGGTGACCAAATAGTTTCACAGA
TAAACCACCCAGTACATTTAAGAAGATACAGTTACAACCTCAGAGGAAGTGGATTTCCAA
AAAGAGGAAGATTCTATACTCCAGAGGTACAGTCTAGCATATCACCACCAGCGGAAAGGC
AGGAAACCCATGCCTGGGCCAGCCCTGCTGTAACATCTCTTGAGTCAGCAGCATGTCATG
AACTGCAGGAAGCAGACCTCAGTGAGAGTTTATCATATCCAGAAATGTTCTCCTCAAGTT
CATTACAGCAGTATGTCGCACAAGGTGGCTCATTTCTTGTTCGGTATGCCATGGAACCT
TTATCAGTGGAGGTGCTGAAAGTACCAATGCTGTCTCATCTCATTTGCCAATGCTACTACAG
CAGTACCTATGGCAGTTCTGTACGAAGAGAATCCAGTCTGGCAAATAACCCCTGGTGTGG
TGAATTAATCTGCTCTACCAGAAAATGAAAATGTGGGCCAGGTAGAGCCTTGTCTATCTT
CTGCTTCCATCCCAATTTGAAAATGCCAGAAAGACCAGCAAACAGCAGTAAAAACAGCA
CTGAGACAGCGAATTATCCAACCTTAATGGGAAATTACAATGGCCAAAATACTGCCTCTT
TATCTGTCTTCATCCCTCCCTATTTTGCTGAGAAAATTATACTTACTGAAATGCCAGGAA
CAACAGAAAACCAAGTGGAAAATAACTCTCAGACAGTGTATTACCAGCTTTATCGGGAA
ATACGAGTGCCCATATCCAGCCTTTCATATCTTCCCATCACTTCTAATTTTGAATCTG
GCCACAAATGAGTTATGGGACAATGAGTTACTCAACTGAAATGAAAAATAACTGTGACC
AAGATGATGCTTCAGCATCTGCCTGCCTCACTCCCGATTTTGCAGTGTACCTCTGAATA
TTTTGGTAAAAGTAGACACCAACACGGAAAACAGCGTCAACACAATGAATCGCTCAACTT
TATTGGACAGTGACAGTGGCCAGGATTCTCTCATCATCTGTCTGTATCCCTCCAAGT



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ATGGCTATCTTGGTGATCCAAAAAGAAATGTCAGAGTACTTAAAAATCCATTTGCTGGCCG
 TACAAAATATGGCCAAACCTAAGCAAGCAGCCTGCTACTTGGTTCGATTTTTGTTCTCCA
 AGGAAATCCTGATTAGCAGCTCAGTGGATATCCATTTGAAAGACAGCCAATCCCTCGACC
 CGAACAAAATGGCTGCATTGAGAGAATATCTGGCAACAACCTTTCCACCTGTGATTTGC
 ATGAACATGGAAGACTGGCAGGACTGATTTCTGGTATCAATTCTATGATCTACTGTT
 TATGTTCTGAAGGCAAGAGTACTCCAAAACTGTTTCGAAAAATAAAAAACGTACCAACC
 GTGTTGCATCGGCATCTGCAGATAGAAATGACCAAGGGGCAGAGATGGTGGTGAAGGCT
 GTTCTTGATGTTTCAGCCAATGAATAACTCCAAAATGAGAGTAAAGAGGAACTTGCAGC
 CAAACAGTAATGCTATCCCTGAAGGAATGCGAGAACCTTCCACTGATAATCCAGAGGAAC
 CTGGTGAAGCATGGAGCTATTTTGAAGACCATGGAGAAATATACGGATGCCATGTTTCAG
 TACTGACTTTGGCAAAAATAAGTCTTGCAGCAAGCCTGTCGGCTAGATACCTTATTCAGA
 AACTCTTCACAAAAGATGTCCTGGTCCAAAGTAACGTCTATGGCAATCTGAAGCATGGCC
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 TTTCAAATTCAACTTTTAGAGTATTTTAGCAAAATATATGTATAGTTTATAATATAGAA
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 GCATGGTGGCAAGCACCTGTAGTCCCAGTTACTCGGGTGGCTGAGGCAGGAGAATCACTT
 GAACCTGGGAGGTGGAGACTGCAGTGCAGCCGAGATTGTGCCACTGCACTCGAGCCTGGGT
 GACAGAGTGAGACTCCGTCTCGGAAAAAGAAAAAAGAAAGTAGATAATTAATAAATCT
 TGCATAAAAAAATCTTCCATAAAGGGCAAAAAGGCTTTAACTTCCATTATTCAGATTT
 AATCCAATAAGATAGTCTTTGGCTTCACTGTTCACTGTTTCAAGTTTTTTACAAC
 TACTAGTAACAGAGCTAATACAGAATAGTAATCCACATTATAACATAGATCAAAATACC
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 AAAGAAAAGTACAGTTCGACCCTAGGCAAGAAGAAATTTCAAATGTATATGCATATTTT
 GAATTTTGGTTTTATTTTTGTGGTATCTGAAATATCCCTGGACTAGAAGCAAAACCACA
 GAAACAAAACCTTACATTTAGAAAAAATTTCAAGACTTCTATTGCTAACTTTATTACAT
 TAGTGGTTTTTAGAAGTTATTTAGAGCAGTCTGTCTGATAGAATTTCCACCATGATGG
 AAATGTAATAAATATACCACATTAATAAATAAATTTGCAATGTCCAATAGGCTCGTAT
 GGCTATTGAGCATTTAAGATGTAATTAATTAGACAGAGGAAGTAAATTTAACATTTTCTC
 TCATTTTAGCTAATTAGAATTTAAAGTAAATAGCCACAAGTGGATAGTGGCTACTGTGT
 TGGATGGCACAGTTCAAATGCCTCTTATTTAAAAAAGTGTAAAAAGTGGTTCCC
 ATGGCTGAAGAGGAATAATATACACATAACTTCTTTAAATCACATTTTGTGTTGAGATG
 GAGATCTTGCTATATTGCCAGGCTTATCTGGAACCTCTGGGCTCAAGAGGGAGGATCAC
 ATTTGACTGGACAAAATACATTTATAAAGGTGTTTTGTATTTTATGTTAAAGTGAAT
 GTGCTTCAAATTTGTGCTTCAAATTTCAAGTAAATACTATTACTGTATTAGTCCA
 ATGTTAAACATTTTAAATGCCTGCTCATAAGACTCATTTTTGATAAATAAATGTATCTTT
 AATGTTTTGTTTCCAAAATAGATACAATAAATAAACATTTAAATGCCTTAAAAA
 AA

AAAAAAAAAAAAAAAAAAAA

5' Read Nucleotide Sequence:

>OriGene 5' read for NM_153346 unedited
 GTGCGGTTCAGGATTTGTAAACGACTCATATAGGCGGCCGCATAACTTCGTATAGCATA
 ATTATACGAAGTTATGGATCAGGCCAAATCGGCCGAGCTCGAATTCGTGAGAGCGGGT
 GTCTCGGACAACGAGTGTACGCAGTTACCACACAGTTACCAAGCAGTTACCTCAGAGCCG
 CGGCGCAGACGTAGGCCTCAGGTCTCGGCCTCAGGTCTCGGCCTCAGAGCCAGACCCC
 GCCATCTCACGATGTCAGAGAGGACCCAGGAACAGGATTTTGTATTATAACTGTGACG
 ACAGTGATGATAACAATGATTGCAGTATTGAGATGGTGGAAAGTTTCTGAAACAGCAGATA
 ATTCCACTAATGACATAGCAGATGATTCCACTTATGTCACAGCAGATAATCCCCTGATG
 ACACAGCCACACAACCAATTTTCCAGGCGGCAATGATGGCCATCACCGTCCACTCCAAA
 TGTCATATGGGTCTGGCTCTGTACCCAGGCTGGAGTGCAGTGGCATGATCACAGCTCAC
 TGCAGCCTCAACCTCTTGGACTCAAGCAATTCTCCACCTCAGCCTTCCCAGTAGCTGGG
 ATGACAGGCGCAGCCACCATGCCAGTAGCCCATGGTGACCAAAATAGTTTCACAGATAA
 ACCACCCAGTACATTTAAGAAGATACAGTTACAACCTCAGAGGAAGTGGGATTTTCCCAA
 AAGGAGGAAGATTCTATACTCCAGAGGGGACAGTCTAGCATAATCACCACAGCGGAAAG
 GCAGGAAACCCATGCCTGGGCCAGCCCTGCTGGAACATCTCTTGGGTCAACCCCTGTCA
 TGAAGTGCAGAAACAAACCTCATGAGAGTTTATAATATCCCAAAGGTCTCCTCAGTT
 TCTTACACGG

Restriction Sites:

Please inquire

ACCN:

NM_153346

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).

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.

RefSeq:

[NM_153346.2](#), [NP_699177.1](#)

RefSeq Size:

4700 bp

RefSeq ORF:

2400 bp

Locus ID:

139105

UniProt ID:

[Q8NDZ0](#)

Cytogenetics:

Xp22.13

Gene Summary:

This gene encodes a protein which has two BEN domains in the C-terminus. These domains are found in proteins which participate in protein and DNA interactions which occur during chromatin restructuring or transcription. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Aug 2011]

Transcript Variant: This variant (1) represents the longer transcript and encodes the longer isoform (1). Sequence Note: The RefSeq transcript and protein were derived from transcript and genomic sequence to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on alignments.