

Product datasheet for **RG206228**

CXorf20 (BEND2) (NM_153346) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	CXorf20 (BEND2) (NM_153346) Human Tagged ORF Clone
Tag:	TurboGFP
Symbol:	CXorf20
Synonyms:	CXorf20
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)



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ORF Nucleotide Sequence:

>RG206228 representing NM_153346
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGTCAGAGAGGACCCAGGAACAGGATTTTGTATTATAACTGTCGACGACAGTGATGATAACAATGATT
 GCAGATTGAGATGGTGGAAAGTTTCTGAAACAGCAGATAATTCCACTAATGACATAGCAGATGATCCAC
 TTATGTACAGCAGATAATCCCCTGATGACACAGCCACACAACCAAATTTCCAGGCGGCAATGATGGC
 CATCACCGTCCACTCCAATGTCATATGGGTCTGGCTCTGTCACCCAGGCTGGAGTGCAGTGGCATGATC
 ACAGCTCACTGCAGCCTCAACCTCTGGACTCAAGCAATCTTCCACCTCAGCCTCCCAGTAGCTGGGA
 TGACAGGCGCACGCCACCATGCCAGTAGCCATGGTGACCAAATAGTTTCACAGATAAACCACCCAGTA
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 AGGTACAGTCTAGCATATCACACCAGCGGAAAGGCAGGAAACCCATGCCTGGGCCAGCCCTGCTGTAAC
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 CTACCAGAAAATGAAAATGTGGGCCAGGTAGAGCCTTGTCTCTTCTGCTTCCATCCCAATTTGGAAA
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 TCTCCAAGGAAATCCTGATTAGCAGCTCAGTGGATATCCATTTGAAAGACAGCCAATCCCTCGACCCGAA
 CAAAATGGCTGCATTGAGAGAATATCTGGCAACAACCTTTCCACCTGTGATTTGCATGAACATGGAAAA
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 AGGAACCTGGTGAAGCATGGAGCTATTTTGAAGACCAATGGAGAAATATACGGATGCCATGTTTCAGTACT
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 GATGTCCTGGTCCAAAGTAACGTCTATGGCAATCTGAAGCATGGCCTGTGTGCCCTTGACCCCAATAAGA
 TTAGTGTCTCCGAGAGTCTCCAAGAAAACCTACCAATTTGTGATCTCTCGGAAAATGGAAGAGACTG
 GAAGTCGTGTGACCTCCATCAACAGCGGTATCCGTAGCCTTAGACATGACGTGAGAAGGGCTGAAGCC
 AGGTCTCAGTCGCTTCCAGCAGTGACCCCTCCAGAGCTGGAGCAGGAGTCAAAGCCAGGAGATCCCGACG
 CCACTGACCCAAGCACC

ACCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA

Protein Sequence: >RG206228 representing NM_153346
 Red=Cloning site Green=Tags(s)

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MSERTQEQDFVIITVDDSDNDCSIEMVEVSETADNSTNDIADDSTYVTADNPTDDTATQPNFPGGNDG
HHRPLQMSYGGSVTQAGVQWHDHSSLQPQLGLKQFFHLSLPSSWDRRTPPCPVAHGDIQVSQINHPV
HLRRYSYNSEEVDLQKGRFYTPEVQSSISPPAERQETHAWASPAVTSLESAACHELQEADLSELSYPR
IVSSSSLQYVAQGGSFPCFGMPWNFISGGAESTNAVISFANATTAVPMAVLSRRESSLANPQVNVYSA
LPENENVGPRALSSFCFHPNLEMPERPANSSKNSTETANYPTLMGNYNGQNTASLSVFIIPPYFAEKIIL
TEMPGTTETNVENNSQTVVYPALSGNTSAPYPASSYLPITSNFESGPQMSYGTMSYSTEMKNNDQDDAS
ASACLTPDFALLPLNILVKVDTNTENSNTMNRSTLLDSDSGQDSSSSSVCIPPKYGYLGDPKRNVRVVK
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DWQDCISGINSMIYCLCSEGKSTPKTVRKNKRTNRVASASADRNDQRGRDGGEGCSWMFQPMNNSKMRV
KRNLQPNSNAIPEGMREPSTDNPEEPGEAWSYFGRPWRNIRMPCSVLTLAKTKSCASLSARYLIQKLFK
DVLVQSNVYGNLKHGLCALDPNKISALREFLQENYPICDLSENGRDWKSCVTSINSGIRSLRHDVRRAEA
RSQSLPAVTPPELEQESKPGDPDATDPST
  
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TRTRPLE - GFP Tag - V

Restriction Sites: Sgfl-MluI

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_153346.3](#)

RefSeq Size: 4700 bp

RefSeq ORF: 2400 bp

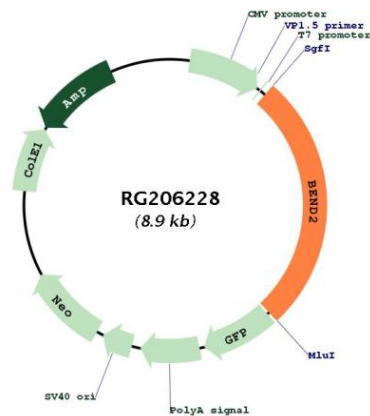
Locus ID: 139105

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]

Product images:



Circular map for RG206228