

Product datasheet for **SC206324**

IBP160 (AQR) (NM_014691) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	IBP160 (AQR) (NM_014691) Human 3' UTR Clone
Symbol:	IBP160
Synonyms:	fSAP164; IBP160
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_014691
Insert Size:	2000 bp



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Insert Sequence: >SC206324 3'UTR clone of NM_014691
The sequence shown below is from the reference sequence of NM_014691. The complete sequence of this clone may contain minor differences, such as SNPs.
Blue=Stop Codon **Red**=Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAGGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAGCGATCGCC
GCCACATCTGCCCGGAAGAGACCAAGAGCCAAACTGTAGTCCTTCTAAAGGAGGACATGGCAGTCAA
AAAGTCTGAGTAAAGCTGTTTTTTGTATTTTATATTTGCTTCTGCCATTTTACTGTCACTAATTAATGT
TTAGTTCTTATATTTGTTAACTGATTTCCGGTGTCTTGAATATATTTTTTAAATTATGTGTATGAACAA
TTCTAGTTTCATTTGTTCAATCAGAAGAGCAAATAACCATTCTTTTCATGTTTTGATCACTGAGTGTGT
CTGTAATCATACCTACATTAATAATCATTTTCTATGAATATATAATATATACTTCACATTTTTAGTGAAC
TTCTCTAAAGAAGAGGACAGAATATACTGGACTTAACCACGAATACCTTGAGTGTCCAAATTGGGAAG
GAACCTGTTTCTTCTGTTATACTATCAAATGCTTAAATCTGTTTCTTTTCTTACCTTTGTTTGCT
GTCTTTATGTAAAGATATTATTAGCAGTAAGATACAGGTTTCTTCAATCTATCAAAGTGGTTACATGCA
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CAGACTGAATGAGTCAGAATCTCAGGATTAGAGCCTAGGAATCTATATTTAGGAGGTTCTCCACACCA
CTAATGTTTGGGTTGCTGGCAGAGTGGCATCAGCCAAGGCTGGTTAGGCTGAGCCAGGATTTGTCATCA
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TGAATGAGGCTATAATGTAGAATTACCAGTGAATGTGACTAATGTTTTCTGACAAGGGACCTCTGCTTA
CAAGGTCCTGGGCATGGTGCCAGAAGTGGAAAAAAAAAAAAAAAAAAGGAAATGTTTATATGTATGT
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AGGGGAGCATTTACCCAGAATGTCTCCTAGTGCATCCACCTATGGGCTGGCCATGTCCAAGGAAT
CTTTGAAGAAACAAGCAAGAACTGCACACTACCATTGAAATCCTTCTGGTCTGACATTTTGAAGGAAT
GATTGCTTCATAGGGAATTAACCCAGAAAGTCAAGTCAGTTATATTTTGAAGTACTAGTGTGTTGCT
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GACGCGATACTAGGAAACCCAGGTCTATTTGTTATCAGAGTAAGGATCAAGCCAGATAGCCTGTTATGT
AATTTCTCCGATAAAAGATTTTGAAGCAGGTGCTGTGGGCATCTGTATGGGGAATCGCACTCATAGAA
TTATTTTCATTTGTAATATTTGGTATCAGGCCAAGCAAGGGAAAGAAGCTTTACTGTATTACCATCTT
TCCTGGAAAAGATTGATTTTCTCTCTCCTTAGGGGATATGAGGTATGATACCTGCAACCAAAATAA
ACGCGTAAGCGGCCGCGGCATCTAGATTCTGAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
  
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Restriction Sites: SgfI-MluI

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_014691.3](#)

Summary:	Involved in pre-mRNA splicing as component of the spliceosome (PubMed:11991638, PubMed:25599396, PubMed:28502770, PubMed:28076346). Intron-binding spliceosomal protein required to link pre-mRNA splicing and snoRNP (small nucleolar ribonucleoprotein) biogenesis (PubMed:16949364). Plays a key role in position-dependent assembly of intron-encoded box C/D small snoRNP, splicing being required for snoRNP assembly (PubMed:16949364). May act by helping the folding of the snoRNA sequence. Binds to intron of pre-mRNAs in a sequence-independent manner, contacting the region between snoRNA and the branchpoint of introns (40 nucleotides upstream of the branchpoint) during the late stages of splicing (PubMed:16949364). Has ATP-dependent RNA helicase activity and can unwind double-stranded RNA molecules with a 3' overhang (in vitro) (PubMed:25599396). [UniProtKB/Swiss-Prot Function]
Locus ID:	9716
MW:	77.6