

Product datasheet for **SC206452**

WIBG (PYMI) (NM_001143853) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Symbol:	WIBG
Synonyms:	PYM; WIBG
Mammalian Cell	Neomycin
Selection:	
Vector:	pMirTarget (PSI00062)
ACCN:	NM_001143853
Insert Size:	507 bp
Insert Sequence:	>SC206452 3'UTR clone of NM_001143853 The sequence shown below is from the reference sequence of NM_001143853. The complete sequence of this clone may contain minor differences, such as SNPs. Blue=Stop Codon Red=Cloning site <pre> GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC GAGTTAGAGGACTTGGAGTTAGGCCTCTGAGGCCTTTGGGGAATAGGGAATGGACTGCAGAACAAACCG TGGGGCTCTCTGGGGTCTGGGGGAATACGGGCAACAGCAGTCAGGAGGGGTACCCCCATACTGGCTTA CTTCCACCTCCTGCGGCCAGCTCTGTCTCCAGAGCCTAGCGTCTCCCTCAATCCTTCCCTTTTCTTC CCAACCTCTACTTTTGGACTTTCCCTCCATTCCAGTGTTCAAAATCTCAGTGACTACCCAGGT ACCTTTGCTGCTGATTTGGGTGTCTTGTTTAAAGAAAATCAGGTGGTGGGAATCTCTGGAGAACTG AGGCTAGGGTAGAGGGAGTATGCCAAGTCTTGGAGTCTTGGTTCCTGTTGCGGTGTTTATGGGTTA TTTCCCTCTCCATCCCTCATTTTTTTTTTTTTTTTAAAAAAGCAAAATGAGAATAACACAAGTAGA CATGTCAAAAAAAAAAAAAAAAAAAAA ACGCGTAAGCGGCCGCGCATCTAGATTCAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA CGAGATTTGATTCCACCGCCGCTTCTATGAAAGG </pre>
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.
Note:	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
RefSeq:	NM_001143853.1
Summary:	Key regulator of the exon junction complex (EJC), a multiprotein complex that associates immediately upstream of the exon-exon junction on mRNAs and serves as a positional landmark for the intron exon structure of genes and directs post-transcriptional processes in the cytoplasm such as mRNA export, nonsense-mediated mRNA decay (NMD) or translation. Acts as an EJC disassembly factor, allowing translation-dependent EJC removal and recycling by disrupting mature EJC from spliced mRNAs. Its association with the 40S ribosomal subunit probably prevents a translation-independent disassembly of the EJC from spliced mRNAs, by restricting its activity to mRNAs that have been translated. Interferes with NMD and enhances translation of spliced mRNAs, probably by antagonizing EJC functions. May bind RNA; the relevance of RNA-binding remains unclear in vivo, RNA-binding was detected by PubMed:14968132, while PubMed:19410547 did not detect RNA-binding activity independently of the EJC.[UniProtKB/Swiss-Prot Function]
Locus ID:	84305
MW:	18.4