

Product datasheet for **SC100127**

ZG16B (NM_145252) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ZG16B (NM_145252) Human Untagged Clone
Tag:	Tag Free
Symbol:	ZG16B
Synonyms:	EECP; HRPE773; JCLN2; PAUF; PRO1567
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL4</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene ORF sequence for NM_145252 edited ATGGGGGCCAGGGGCCAGGAGAGTATAAAGGCGATGTGGAGGGTGCCCGGCACAACC AGACGCCAGTCACAGGCGAGAGCCCTGGGATGCACCGCCAGAGGCCATGCTGCTGCTG CTCACGCTTGCCCTCCTGGGGGGCCCCACCTGGGCAGGGAAGATGTATGGCCCTGGAGGA GGCAAGTATTTACGACCACTGAAGACTACGACCATGAAATCACAGGGCTGCGGGTGTCT GTAGGTCTTCTCCTGGTAAAAGTGTCCAGGTGAACTTGGAGACTCCTGGGACGTGAAA CTGGGAGCCTTAGGTGGGAATACCCAGGAAGTCACCCTGCAGCCAGGCGAATACATCACA AAAGTCTTTGTCGCCTTCCAAGCTTTCTCCGGGGTATGGTCATGTACACCAGCAAGGAC CGCTATTTCTATTTGGGAAGCTTGATGGCCAGATCTCCTCTGCCTACCCAGCCAAGAG GGGCAGGTGCTGGTGGGCATCTATGGCCAGTATCAACTCCTTGGCATCAAGAGCATTGGC TTTGAATGGAATTATCCACTAGAGGAGCCGACCACTGAGCCACCAGTTAATCTCACATAC TCAGCAAACCTCACCCGTGGGTGCTAG



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5' Read Nucleotide Sequence:	>OriGene 5' read for NM_145252 unedited NGTCAAAATTTGTATACGACTCATATAGGGCGGCCGGAATTCGCACCAGGCCAGCTCCT TCCTGTTCCCCTGGCGGCCCTCGCTTCTTCTTCTGATGGGGGCCAGGGGGCCAGG AGAGTATAAAGGCGATGTGGAGGGTGCCCGGCACAACCAGACGCCAGTCACAGGCGAGA GCCCTGGGATGCACCGGCCAGAGGCCATGCTGCTGCTCAGCTTGCCTCCTGGGGG GCCCCACCTGGGCAGGAAGATGTATGGCCCTGGAGGAGCAAGTATTTACAGCCACTG AAGACTACGACCATGAAATCACAGGGCTGCGGGTGTCTGTAGGTCTTCTCCTGGTAAAA GTGTCCAGGTGAAACTTGGAGACTCCTGGGACGTGAAACTGGGAGCCTTAGGTGGGAATA CCCAGGAAGTCACCCTGCAGCCAGGCGAATACATCACAAAAGTCTTTGTGCGCTTCCAAG CTTTCTCCGGGTATGGTCATGTACACCAGCAAGGACCGCTATTTCTATTTGGGAAGC TTGATGGCCAGATCTCCTCTGCCTACCCAGCCAAGAGGGGCAGGTGCTGGTGGGCATCT ATGGCCAGTATCAACTCCTTGGCATCAAGAGCATTGGCTTTGAATGGAATTATCCACTAG AGGAGCCGACCACTGAGCCACCAGTTAATCTCACATACTAGCAAACCTACCCGTGGGTC GCTAGGGTGGNGTATGGGGCCATCCGAGCTGAGCCATCTGTGTGGTGGTGGCTGATGGT ACTGGAGTAACTGAGTCGGGACGCTGAATCTGAATCCACCAATAAATAAAGCTTCTCGAC AATCAGTGCAATTGAAATTTGGTCTTGGATCTGGGGGTACACCAAGNCTTCTGCTNCTT GNAGACAAGTNCNCACTGCTGCAGNCCCAGTACTGAGATGAGGGGTAGGGCAA
Restriction Sites:	NotI-NotI
ACCN:	NM_145252
Insert Size:	4000 bp
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).
OTI Annotation:	The ORF of this clone has been fully sequenced and found to be a perfect match to NM_145252.2.
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:	<ol style="list-style-type: none"> 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:	<u>NM_145252.1</u> , <u>NP_660295.1</u>
RefSeq Size:	777 bp
RefSeq ORF:	519 bp
Locus ID:	124220
UniProt ID:	<u>Q96DA0</u>
Cytogenetics:	16p13.3