

Product datasheet for **SC127957**

IGBP1 (NM_001551) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	IGBP1 (NM_001551) Human Untagged Clone
Tag:	Tag Free
Symbol:	IGBP1
Synonyms:	ALPHA-4; alpha4; IBP1
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene ORF within SC127957 sequence for NM_001551 edited (data generated by NextGen Sequencing)

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ATGGCTGCTGAGGACGAGTTACAGCTGCCGCGGCTCCCCGAGCTGTTCGAAACTGGTAGA
CAGTTACTGGACGAAGTAGAAGTGGCGACTGAACCCGCCGGTTCCCGGATAGTCCAGGAG
AAGGTGTTCAAGGGCTTGACCTCCTTGAGAAGGCTGCCGAAATGTTATCGCAGCTCGAC
TTGTTTCAGCCGAAATGAAGATTTGGAAGAGATTGCTTCCACCGACCTGAAGTACCTTTG
GTGCCAGCGTTTCAAGGAGCCCTCACCATGAAACAAGTCAACCCAGCAAGCGTCTAGAT
CATTTGCAGCGGGCTCGAGAACAACCTTTATAAACTACTTAACTCAGTGCCATTGCTATCAT
GTGGCAGAGTTTGAGCTGCCAAAACCATGAACAACCTGCTGAAAATCACACTGCCAAT
TCCTCCATGGCTTATCCTAGTCTCGTTGCTATGGCATCTCAAAGACAGGCTAAAAACAG
AGATAACAAGCAGAAGAAGGAGTTGGAGCATAGGTTGTCTGCAATGAAATCTGCTGTGGAA
AGTGGTCAAGCAGATGATGAGCGTGTTCGTGAATATTATCTTCTCACCTTCAGAGGTGG
ATTGATATCAGCTTAGAAGAGATTGAGAGCATTGACCAGGAAATAAAGATCCTGAGAGAA
AGAGACTCTTCAAGAGAGGCATCAACTTCTAACTCATCTCGCCAGGAGAGGCCTCCAGTG
AAACCTTTCATTCTCACTCGGAACATGGCTCAAGCCAAAGTATTTGGAGCTGGTTATCCA
AGTCTGCCAACTATGACGGTGAGTGACTGGTATGAGCAACATCGGAAATATGGAGCATT
CCGGATCAGGGAATAGCCAAGGCAGCACCAGAGGAATTCAGAAAAGCAGCTCAGCAACAG
GAAGAACAAGAAGAAAAGGAGGAAGAGGATGATGAACAAACACTCCACAGAGCCCGGGAG
TGGGATGACTGGAAGGACACCCATCCTAGGGGCTATGGGAACCGACAGAACATGGGCTGA

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Clone variation with respect to NM_001551.2



[View online »](#)

5' Read Nucleotide Sequence:

>OriGene 5' read for NM_001551 unedited
 NGGTCAGGTCAAATTTGTATACGACTACTATAGGCGGCCGCGNAATCAGATCCACAAGT
 TTGTACAAAAACAGGCTTGTAAAACGACGGCCAGTAACATAACGGTCCTAAGGTAGCG
 AGGCTGGGTGGCGAATTCGGCACGAGGGGATCTTCAAACCGTGGGAGTGGTGCGGCGGC
 TAGAGTCCCTGGACTCCTCAACCTAGGGAGCTACTCGCGAGATGCCTACGACTTGTAAACG
 GGCTGCCTGGTAAAATGAGTCTATGAAAACGGTTGCCAGGGCCGGCTAACAGCGGCTCCC
 GGAAGTCCTTTGATGCTTTGTTAACAGTGAAGCTACTGGACCAATGAGGTGCTTCTCCG
 GTTTTGTCCGCGCTCGCCTAATTCTTTTATCAAGGTTGCCTTTGACCCCGAAAAGAG
 ATCTTCCGGGTTCTCTCTCCCCAAGATGGCTGCTGAGGACGAGTTACAGCTGCCGCGGC
 TCCCCGAGCTGTTGAAACTGGTAGACAGTTACTGGACGAAGTAGAAGTGGCGACTGAAC
 CCGCCGGTCCCAGGATAGTCCAGGAGAAGGTGTTCAAGGGCTTGACCTCCTTGAGAAGG
 CTGCCGAAATGTTATCGCAGCTCGACTTGTTCAGCCGAAATGAAGATTTGGAAGAGATTG
 CTTCCACCGACCTGAAGTACCTTTTGGTGCCAGCGTTTCAAGGAGCCCTCACCATGAAAC
 AAGTCAACCCAGCAAGCGTCTAGATCATTTGCAGCGGGCTCGAGAACACTTTATAAACT
 ACTTAACTCAGTGCCATTGCTATCATGTGCAGAGTTTGAGCTGCCAAAACATGAACAA
 CTCTGCTGAAATCACACTGCCAATTCCTCCATGGCTTATCCTAGTCTCGTTG

3' Read Nucleotide Sequence:

>OriGene 3' read for NM_001551 unedited
 TGCCCATGGTGATGGCACTTCCAGGNCCAGNANGAGCACTGGGGNAGGGTCACAGGGCAT
 GCCACCCGGGTTCTGTTCCAGGAAACAGCTATGACCGCGGCCGCAATCTAGAGTCGACAAG
 CTTGATATCGGTACCAGATCTACCACTTTGTACAAGAAAGCTGGGTCAGGAAACAGCTAT
 GACCATGTGCCATTTTATTACCTTTTCTCCGACCCGACATAGATGCCTCGAGTTTTTTT
 TTTTTTTTTTTTTTCTGTACAGGCTCATATAATAGAGGGGACTTTTATTATTTTTTCAG
 AGAATTCGGATAGCCATAGATTATACAGAGCCATTTCTCAGCACTTTTTCTTCCACTT
 AAGAAGCTGGAATACAACATGATGAGGATGATGCCAAAACAAGACTGCTGGTTCATATCA
 TCTAGGGTACAAATACACTTAATCACTTGACACTTTACTGAATGCAAAGCAAGATTTA
 GCATCTTTGCCCTCGTTGTACAGAGCTGAAGCAGGAGACCAGGGAGGGGAGGACTGCATG
 GTTTTCTTGGCAGGGGAGTTGTGCACCCTGCAGTCTGTGGTGTGTGGGAAGATCAGC
 CCATGTTCTGTCGGTCCCATAGCCCCTAGGATGGGTGTCCTTCCAGTCATCCCCTCCC
 GGGCTCTGTGGAGTGTGTTTTCATCATCCTCTTCTCCTTTTCTTCTTGTCTTCCCGTT
 GCTGAGCTGCTTTTCTGAATTCCTCTGGTGTGCTTGGCTATTCCCTGATCCGGTAATG
 CTCCATATTCGGATGTTGCTCATACCAGTCACTCACCGTCATAGTTGGCAGACTTGGGA
 AACCGACTCCAAATACTTTGGCTTGGGCCATTGTCCCGAATGAAAAGAAAGGTTTCACTG
 GA

Restriction Sites:

Please inquire

ACCN:

NM_001551

Insert Size:

1700 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).

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_001551.2</u> , <u>NP_001542.1</u>
RefSeq Size:	1679 bp
RefSeq ORF:	1020 bp
Locus ID:	3476
UniProt ID:	<u>P78318</u>
Cytogenetics:	Xq13.1
Domains:	TAP42
Protein Families:	Druggable Genome
Gene Summary:	The proliferation and differentiation of B cells is dependent upon a B-cell antigen receptor (BCR) complex. Binding of antigens to specific B-cell receptors results in a tyrosine phosphorylation reaction through the BCR complex and leads to multiple signal transduction pathways. [provided by RefSeq, Jul 2008]