

## Product datasheet for SC122620

### IGFBP6 (NM\_002178) Human Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	IGFBP6 (NM_002178) Human Untagged Clone
Tag:	Tag Free
Symbol:	IGFBP6
Synonyms:	IBP6
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene sequence for NM_002178 edited GCGGCGGGCAGCAGCTGCGCTGCGACTGCTCTGGAAGGAGAGGACGGGGCACAAACCTG ACCATGACCCCCACAGGCTGCTGCCACCGCTGCTGCTGCTAGCTCTGCTGCTCGCT GCCAGCCAGGAGCGCCTTGCCGCGGTGCCAGGCTGCGGGCAAGGGTGCAGGCGGGT TGTCAGGGGGCTGCGTGAGGAGGAGGATGGGGGTGCCAGCCAGGGCTGCGCGGAA GCTGAGGGCTGTCTCAGGAGGGAGGGCAGGAGTGCAGGGTCTACACCCCTAACTGCGCC CCAGGACTGCAGTGCCATCCGCCAAGGACGACGAGGCGCCTTTGCGGGCGCTGCTGCTC GGCCGAGGCCGCTGCCTCCGGCCCGCGCCTGCTGTTGCAGAGGAGAATCCTAAGGAG AGTAAACCCCAAGCAGGCACTGCCGCCACAGGATGTGAACCGCAGAGACCAACAGAGG AATCCAGGCACCTCTACCACGCCCTCCCAGCCCAATTCTGCGGGTGTCCAAGACTGAG ATGGGCCATGCCGTAGACATCTGGACTCAGTGTGCAGCAACTCCAGACTGAGGTCTAC CGAGGGGCTCAAACACTCTACGTGCCCAATTGTGACCATCGAGGCTTCTACCGGAAGCGG CAGTGCCGCTCCTCCCAGGGGCAGCGCCGAGGTCCTGCTGGTGTGTGGATCGGATGGGC AAGTCCCTGCCAGGGTCTCCAGATGGCAATGGAAGCTCCTCCTGCCCACTGGGAGTAGC GGCTAAAGCTGGGGGATAGAGGGGCTGCAGGGCCACTGGAAGGAACATGGAGCTGTATC ACTCAACAAAAACCGAGGCCCTCAATCCACCTTCAGGCCCGCCCATGGGCCCTCAC CGCTGGTTGAAAAGAGTGTGGTGGCTGGGGTGTCAATAAAGCTGTGCTTGGGGTCA AAAAAAAAAAAAAAAAAAAAAAAA



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<b>5' Read Nucleotide Sequence:</b>	>OriGene 5' read for NM_002178 unedited GAAAGTCAAATTTGTATACGACTCACTATAGGCGGCCGGAATTCGCACGAGGGCGGGC GGCAGCAGCTGCGCTGCGACTGCTCTGGAAGGAGAGGACGGGGCACAACCCTGACCATG ACCCCCCACAGGCTGCTGCCACCGCTGCTGCTGCTAGCTCTGCTGCTCGTGCCAGC CCAGGAGGCGCCTTGGCGCGGTGCCAGGCTGCGGGCAAGGGGTGCAGGCGGGTTGTCCA GGGGGCTGCGTGGAGGAGGAGGATGGGGGTGCGCCAGCCGAGGGGTGCGCGGAAGCTGAG GGCTGTCTCAGGAGGGAGGGGCAGGAGTGGGGGTCTACACCCCTAACTGCGCCCCAGGA CTGCAGTGCCATCCGCCAAGGACGACGAGGCGCCTTTGCGGGCGCTGCTGCTCGGCCGA GGCCGCTGCCTCCGGCCCGCGCCTGCTGTTGCAGAGGAGAATCCTAAGGAGAGTAAA CCCCCAAGCAGGCACTGCCCGCCACAGGATGTGAACCGCAGAGACCAACAGAGGAATCCA GGCACCTCTACCACGCCCTCCAGCCCAATTCTGCGGGTGTCCAAGACTGAGATGGGC CCATGCCGTAGACATCTGGACTCAGTGTGCAGCAACTCCAGACTGAGGTCTACCGAGGG GCTCANACTCTACGTGCCAATTGTGACCCATCGAGCTTCTACCGGAAGCGGCAGTGC CGCTCCTCCAGGGGCAGCGCCGAGTCCCTGCTGGTGTGTGGATCGGATGGGCAAGTCC CTGCCAGGGTCTCCAGATGGCAATGGGAAGCTCCTCCTGCCCACTGGGAGTAGCGGCTA AAGCCTGGGGATAAAAGGGCTGCCAGGCCACTGGAAGGACATGGC
<b>Restriction Sites:</b>	Please inquire
<b>ACCN:</b>	NM_002178
<b>Insert Size:</b>	992 bp
<b>OTI Disclaimer:</b>	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).
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"> <li>1. Centrifuge at 5,000xg for 5min.</li> <li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li> <li>3. Close the tube and incubate for 10 minutes at room temperature.</li> <li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li> <li>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.</li> </ol>
<b>RefSeq:</b>	<a href="#">NM_002178.2</a> , <a href="#">NP_002169.1</a>
<b>RefSeq Size:</b>	980 bp
<b>RefSeq ORF:</b>	723 bp
<b>Locus ID:</b>	3489
<b>UniProt ID:</b>	<a href="#">P24592</a>
<b>Cytogenetics:</b>	12q13.13
<b>Protein Families:</b>	Secreted Protein

**Gene Summary:**

IGF-binding proteins prolong the half-life of the IGFs and have been shown to either inhibit or stimulate the growth promoting effects of the IGFs on cell culture. They alter the interaction of IGFs with their cell surface receptors.[UniProtKB/Swiss-Prot Function]