

Product datasheet for **SC102425**

BPIL1 (BPIFB2) (NM_025227) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	BPIL1 (BPIFB2) (NM_025227) Human Untagged Clone
Tag:	Tag Free
Symbol:	BPIL1
Synonyms:	BPIL1; C20orf184; dj726C3.2; LPLUNC2; RYSR
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF: >OriGene ORF within SC102425 sequence for NM_025227 edited (data generated by NextGen Sequencing)

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ATGGCTTTGGGCAAGTAGGCTGGGCTGCTGCTGGCACTGCTGCTGCCCGTGGTCGGTGCC
TCCACGCCAGGCACCGTGGTCCGACTCAACATGGCAGCATTGAGCTACGTGTCTGAAATT
GGGAAAGCCCCTCTCCAGCGGGCCCTGCAGGTCAGTGTCCCTCATTTCCTGGACTGGAGT
GGAGAGGCGCTTCAGCCCACCAGGATCCGGATTCTGAATGTCCATGTGCCCCGCCTCCAC
CTGAAATTCATTGCTGGTTTCGGAGTGGCCTGCTGGCAGCAGCTAATTTTACTTTCAAG
GTCTTTTCGCGCCCCAGAGCCCCTGGAGCTGACGCTGCCTGTGAACTGCTGGCTGACACC
CGCGTGACCCAGAGCTCCATCAGGACCCCTGTGGTCAGCATCTCTGCCTGCTCTTTATTC
TCGGGCCACGCCAACGAGTTTGATGGCAGTAACAGCACCTCCCACGCGCTGCTGGTCCTG
GTGCAGAAGCACATTAAGCTGTCTTGAGTAACAAGCTGTGCCTGAGCATCTCCAACCTG
GTGCAGGGTGTCAATGTCCACCTGGGCACCTTAATTGGCCTCAACCCCGTGGTCCTGAG
TCCCAGATCCGCTATTCCATGGTCAGTGTGCCACTGTCACCAGTGACTACATTTCCCTG
GAAGTCAATGCTGTTCTTCTTCTGCTGGGCAAGCCATCATCCTGCCACGGATGCCACC
CCTTTTGTGTTGCCAAGGCATGTGGGTACCGAGGGCTCCATGGCCACCGTGGGCCTCTCC
CAGCAGCTGTTTGACTCTGCGCTCCTGCTGCTGCAAGAAGCCGGTGCCCTCAACCTGGAC
ATCACAGGGCAGCTGAGGTCCGATGACAACCTGCTGAACACCTCTGCTCTGGGCCGGCTC
ATCCCGGAGGTGGCCCGCCAGTTTCCCGAGCCATGCCTGTGGTGTCAAGGTGCGGCTG
GGTGCCACACCTGTGGCCATGCTCCACACAAACAACGCCACCCCTGCGGCTGCAGCCCTTC
GTGGAGGTCTGGCCACAGCCTCCAACCTCGGCTTTCAGTCCCTCTTCTCCCTGGATGTG
GTAGTGAACCTTGAGACTCCAGCTCTCTGTGTCCAAGGTGAAGCTTCAGGGGACCAGTCT
GTGCTGGGGATGTCCAGCTCACGGTGGCCTCCTCAACGTGGGCTTTCATTGATACAGAT
CAGGTGGCAGACTGATGGGCACCGTTTTTGGAGAAGCCCCTGCTGGACCATCTCAATGCT
CTTTGGCCATGGGAATTGCCCTCCCTGGTGTGGTCAACCTCCACTATGTCGCCCCGAG
ATCTTTGTCTATGAGGGCTACGTGGTGATATCCAGTGGACTCTTCTACCAGAGCTGA

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Clone variation with respect to NM_025227.1
92 a=>t

5' Read Nucleotide Sequence: >OriGene 5' read for NM_025227 unedited

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TTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGGCACGAGGATTGGGAGCCTTAT
AAAGTAGCCTCTGCATCTGCCTGCCTGGGGCAGAGGAGGGCTACCCTGGGGCTGAGAGTT
CACCTGTCTCAGGAACCACCTGAGCCCACAGATCCTGTGGGCAGCGCCAGGGCAGCCAT
GGCTTTGGGCAAGTAGGCTGGGCCCTGCTGCTGGCACTGCTGCTGCCCGTGGTCGGTGCCCTC
CACGCCAGGCACCGTGGTCCGACTCAACATGGCAGCATTGAGCTACGTGTCTGAAATTGG
GAAAGCCCCTCTCCAGCGGGCCCTGCAGGTCAGTGTCCCTCATTTCCTGGACTGGAGTGC
AGAGCGCTTCAGCCCACCAGGATCCGGATTCTGAATGTCCATGTGCCCCGCCTCCACCT
GAAATTCATTGCTGGTTTCGGAGTGGCCTGCTGGCAGCAGCTAATTTTACTTTCAAGGT
CTTTTCGCGCCCCAGAGCCCCTGGAGCTGACGCTGCCTGTGGAACCTGCTGGCTGACACCCG
CGTGACCCAGAGCTCCATCAGGACCCCTGTGGTCAGCATCTCTGCCTGCTCTTTATTCTC
GGGCCACGCCAACGAGTTTGATGGCAGTAACAGCACCTCCCACGCGCTGCTGGTCCTGGT
GCAGAAGCACATTANAGCTGTCTTGAGTAACAAGCTGTGCCTGAGCATCTCCAACCTGGT
GCAGGNTGTCAATGTCCACCTGGGCACCTAANTTGGCCTCACCCCGTGGGCCTGAGTCC
CAGACCCTATCCATGGTCAGTGTGCCACTGTCACAGTGACTACTTTCCCTGGAGTCATG
CTTGTCTTCTGCTGGGCAGCCATATCCTGCCACGATGCAACCCCTTTGTGTGCCAA
GCATGTGGTACCGAGGCTCATGCCACGTGGCCTCTT

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3' Read Nucleotide Sequence:	>OriGene 3' read for NM_025227 unedited NCTTCCCTCTGNACCCGCGGCCGAATCCTANGATCGGTTTTTTTTTTTTTTTTTTGACAG CTCAAAAGAAGTTGTTTAAATGCAAGAGGGCAGGTCTATACCGCCTGGAGGAGCAGTCTGC TCCCCGCTGGGGTGGGGCAGAGGAAGGAGGGGGAGATGAGGGAACAGGGAGGAGAAGAG GAGGAGGAACGGACCGCCCCACCCCCCACGCACCCCCCGGGCCCCCGCCCCCAAC CCCCCCCCCCCCCCCCCCCCCCTCCTCCTCCTCCCCCGCTCCTCCCCCCCC CTCCCTCCCTTTCCCCCCCCCCCCCCCCCTTTCTCCCCCCCCCTCCCTCCTCCTCCCC CTCCCCCCTCCTCCCCCTCCTCCCCCCCCCCCCCTCCCCCCCCCCCCCCCCCCCC CCCCCCCCCCCCCCTTCCCCCTTCCCCCTTCCCCCTTCTTCTCCCCCCCCCCCC TCTCCCCCCCCCCCCCCCCCTCCCCCTTCTCCCCCTTCCCCCCCCCTCCCCCT CCCCCCTCCCCCCCCCCCCCCCCCTCCCCCTTCCCCCTTCCCCCTTCCCCCTTCCC CCTTTCTTTCCCCCCCCCTCCCCCCCCCTTTTCCACTCCTTCTCCACTCCCC CCCCCCTATCCCATCCCCCCCCATCCCCCTCCTCGCCTGGTACCCCTTCCCC CTCTCTACCCCTCCCCCTCCCCCCCCCTCCCCCATCCCCCCCCCCCCCCCCCAAG TATTGTCGCCCTCCCGTATCCCCCCCCCTCCCCCCCCCTTCCCCCCCCCTTCC CCCCCCTCCACCCCTCCCCCCCCCTTCCCCCTTCCCCCCCCCCCCCTTCCCC TTCTCCCCCCCCCCCCCTCCCCCTTCC
Restriction Sites:	NotI-NotI
ACCN:	NM_025227
Insert Size:	1840 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:	NM_025227.1 , NP_079503.1
RefSeq Size:	1897 bp
RefSeq ORF:	1377 bp
Locus ID:	80341
UniProt ID:	Q8N4F0
Cytogenetics:	20q11.21
Domains:	BPI1
Protein Families:	Druggable Genome, Secreted Protein, Transmembrane

Gene Summary:

This gene encodes a member of the lipid transfer/lipopolysaccharide binding protein (LT/LBP) gene family. It is highly expressed in hypertrophic tonsils. This gene and three other members of the LT/LBP gene family form a cluster on the long arm of chromosome 20. [provided by RefSeq, Jul 2008]