

## Product datasheet for **SC111446**

### UNC93B (UNC93B1) (NM\_030930) Human Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	UNC93B (UNC93B1) (NM_030930) Human Untagged Clone
Tag:	Tag Free
Symbol:	UNC93B
Synonyms:	IIAE1; Unc-93B1; UNC93; UNC93B
Mammalian Cell Selection:	None
Vector:	<u><a href="#">pCMV6-XL4</a></u>
E. coli Selection:	Ampicillin (100 ug/mL)



[View online »](#)

**Fully Sequenced ORF:** >OriGene ORF within SC111446 sequence for NM\_030930 edited (data generated by NextGen Sequencing)

```

ATGGAGGCGGAGCCGCCGCTCTACCCGATGGCGGGGGCTGCGGGGCCGAGGGCGACGAG
GACCTGCTCGGGTCCCAGGACGGGCCGAGGCCCGCTGGACGAGCTGGTGGGCGGTAC
CCCAACTACAACGAGGAGGAGGAGGAGCGCCGNNNNNCGCCGCAAGCGCTGGGCGTG
CTCAAGAACGTGCTGGCTGCCAGCGCGGGGGCATGCTCACCTACGGCGTCTACCTGGG
CTCCTGCAGATGCAGTGATCCTGCACTACGACGAGACCTACCGGAGGTGAAGTATGGC
AACATGGGGTGCCCGACATCGACAGCAAAATGCTGATGGGCATCAACGTGACTCCCATC
GCCGCCCTGCTCTACACACCTGTGCTCATCAGTTTTTTTGAACGAAGTGGATGATGTT
CTCGCTGTGGGCATCTACGCCCTCTTTGTCTCCACCAACTACTGGGAGCGCTACTACAG
CTTGTCCTCGGCTGTGGCCCTGGGCATGGCCATCGTGCCTCTTTGGGTTCCATGGGC
AACTACATCACCAGGATGGCGCAGAAGTACCATGAGTACTCCACTACAAGGAGCAGGAT
GGGAGGGGATGAAGCAGCGCCTCCGCGGGGCTCCACGCGCCTATCTCCTGGTCTTC
CAAGCCATCTTCTACAGTCTTCCATCTGAGCTTCGCCTGCGCCAGCTGCCATGATT
TATTTCTGAACCACTACCTGTATGACCTGAACACACGCTGTACAATGTGCAGAGCTGC
GGCACCACAGCCACGGGATCCTCAGCGCTTCAACAAGACGGTTCTGCGGACGCTCCCG
CGGAGCGGAAACCTCATTGTGGTGGAGAGCGTGCTCATGGCAGTGGCCTTCTGGCCATG
CTGCTGGTGTGGGTTTGTGCGGAGCCGCTTACCGGCCACGGAGGAGATCGATCTGCGC
AGCGTGGGCTGGGGCAACATCTTCCAGTGCCTTCAAGCACGTGCGTGACTACCGCCTG
CGCCACCTCGTGCCTTTCTTTATCTACAGCGGCTTCGAGGTGCTTTGCCTGCACTGGT
ATCGCCTTGGGCTATGGCGTGTGCTCGGTGGGGCTGGAGCGGCTGGCTTACCTCCTCGTG
GCTTACAGCCTGGGCGCCTCAGCCGCTCACTCCTGGCCTGCTGGCCTGTGGCTGCCA
CGCCCGTGCCCTGGTGGCCGGAGCAGGGGTGCACCTGCTGCTCACCTTCATCCTTTT
TTCTGGGCCCTGTGCCTCGGGTCTGCAACACAGCTGGATCCTCTATGTGGCAGTGCC
CTTTGGGGTGTGGGCAGTGCCCTGAACAAGACTGGACTCAGCACACTCCTGGGAATCTTG
TACGAAGACAAGGAGAGACAGGACTTCATCTTACCATCTACCACTGGTGGCAGGCTGTG
GCCATCTTACCCTGTACCTGGGCTCGAGCCTGCACATGAAGGCTAAGCTGGCGGTGCTG
CTGGTGACGCTGGTGGCGCCGCGGTCTCCTACCTGCGGATGGAGCAGAAGCTGCGSCGG
GGCGTGGCCCCGCCAGCCCCGCATCCCAGCCCCAGCACAAAGGTGCGCGGTTACCGC
TACTTGGAGGAGACAACCTCGGACGAGAGCGACGCGGAGGGCGAGCATGGGGACGGCGCG
GAGGAGGAGGCGCCCGCCAGGGCCAGGCCTGGCCCCGAGCCGCTGGACTCGGCCCGC
CGCCCTGCCCGTACGAACAGGCCAGGGGGAGACGGGCCGGAGGAGCAGTGA

```

Clone variation with respect to NM\_030930.2  
 154 t=>n;155 a=>n;156 c=>n;157 t=>n;158 a=>n;159 c=>n;1557 c=>s

<b>5' Read Nucleotide Sequence:</b>	<p>&gt;OriGene 5' read for NM_030930 unedited            AGAATTTTGAATACGACTCACTATAGGGGCGGCCGATTTCGGCACGAGCCGCCGCGAG            TCCGCAGTAGTTCGGGCCATGGAGGCGGAGCCGCCGCTCTACCCGATGGCGGGGGCTGCG            GGGCCGCAGGGGCGACGAGGACCTGCTCGGGGTCCCGGACGGGCCCGAGGCCCCGCTGGAC            GAGCTGGTGGGCGCGTACCCAACTACAACGAGGAGGAGGAGGAGCGCCGCTACTACCGC            CGCAAGCGCCTGGGCGTCTCAAGAACGTGCTGGCTGCCAGCGCCGGGGGCATGCTCACC            TACGGCGTCTACCTGGGCTCCTGCAGATGCAGCTGATCCTGCACTACGACGAGACCTAC            CGCGAGGTGAAGTATGGCAACATGGGGCTGCCGACATCGACAGCAAAATGCTGATGGGC            ATCAACGTGACTCCCATCGCCGCCCTGCTCTACACACCTGTGCTCATCAGTTTTTTTGG            ACGAAGTGGATGATGTTCTCGCTGTGGGCATCTACGCCCTCTTTGTCTCCACCAACTAC            TGGGAGCGCTACTACACGCTTGTGCCCTCGGCTGTGGCCCTGGGCATGGCCATCGTGCT            CTTTGGGCTTCCATGGGCAACTACATCACCAGGATGGCGNCAGAAGTACCATGAGTACTC            CCACTACAGGGGAGCANGATGGCAGGGGGATGAAGCAGCGGCTNNCCGCGGGGCTCCCA            CGCGCCCTATCTNNCTGGNTCTTCCAAGCCATCTTCTACAGCTTCTTCCATCTGAGCTTT            CGCTGCGCCAGCTGCCATGAATTTATTTCTGACCACTACCTGTATGACCCTGACACACC            TGTACATTGTGCAGAGCTGCGCACACGCNCCACGGATCCTCACGTCCAANAAAAGGGTTT            TGCACCTCGGGGACGACTCCTTTGGGGGGGAAGCGTTAAGGAAAGCCTCGCCCTN            CGNNNGNNGNNNTTTNTTTGCCAA</p>
<b>3' Read Nucleotide Sequence:</b>	<p>&gt;OriGene 3' read for NM_030930 unedited            AGCCAATCCCTGCCCCGCCGCCCAATATAGGCANGGATTTTTCTTTTTTTTTTTGACG            GCCCCCCAATTTTTTTTATTGTTCAATTTATGTTCAAAAAGTGGATCTCGGCGGACCTGG            GGATCGGAGGGGCAAGAGCGCTCACACGCGGCCCGGGTCCGCGCCGAGAGATGAGGGG            ATCTGGCGCCGGCCGCCGCAAGAAGACCTGACCGCGCTTCTTTTTCTGGGGCGCGC            GCTAAGGGCCCGGGGCTAAACTGCATTTTTAAACCTGTGCTTGGCCGAGGGGCTC            CCAAGTTTCACTTATACTTGCAGGGGGCTGCGGAAGCCCGGCAGCGACCTGGGCTATGG            GAGGGGCGTACCAACGTGGGGGAGGGGAGACAGGGGCCTTAAAAACAGCGTACCACTC            GCAGGGGGCCCTCCCGACCTCACCTGGTACCTGAGGCCGAGAGGAAGGAGGCTGAGT            CCGGGGACCACGCGGCACTTCACTGCTTACGGTCTGTATCTCCCTTGATTCTGTCTTT            TATGTAATGGCCGGCGTCCGTATTTCCGGCCTCCGCGTCAAATTTGGGCTTGGTGGTGG            ACTAATCTACATTCTGGCCGTCCTCCATGATTGACATACGCGTAACTATAACCCTCGCAATG            CCTCTTCTAACTTACTGAACCATACACCTATAGACTGTGCCCTCTAATCACAAACC            TTGAACCGGGGTACACCACAGGAGTAACCTCTGCTCATTTTGAAGTCCAAAAACCCGG            GTCGCCACCAAAGTATCCAGACCCGTAATACTATTTTTTTTGTCTTTGTCTTTAAAT            TCGGTCTATTCGTTAATTGATACCTTTTGCCTTCAATTTTTATGTGTTAATCTCCCCGT            TTATCTTTTTGCTACTTCACGCGCCCCCCCCCTTCTC</p>
<b>Restriction Sites:</b>	NotI-NotI
<b>ACCN:</b>	NM_030930
<b>Insert Size:</b>	2370 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>	<u>NM_030930.2, NP_112192.2</u>
<b>RefSeq Size:</b>	2334 bp
<b>RefSeq ORF:</b>	1794 bp
<b>Locus ID:</b>	81622
<b>UniProt ID:</b>	<u>Q9H1C4</u>
<b>Cytogenetics:</b>	11q13.2
<b>Protein Families:</b>	Transmembrane
<b>Gene Summary:</b>	This gene encodes a protein that is involved in innate and adaptive immune response by regulating toll-like receptor signaling. The encoded protein traffics nucleotide sensing toll-like receptors to the endolysosome from the endoplasmic reticulum. Deficiency of the encoded protein has been associated with herpes simplex encephalitis. [provided by RefSeq, Feb 2014]