

Product datasheet for **SC116552**

EBI3 (NM_005755) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	EBI3 (NM_005755) Human Untagged Clone
Tag:	Tag Free
Symbol:	EBI3
Synonyms:	IL-27B; IL27B; IL35B
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL4</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene ORF within SC116552 sequence for NM_005755 edited (data generated by NextGen Sequencing)

```
ATGACCCCGCAGCTTCTCCTGGCCCTTGTCTCTGGGCCAGCTGCCCGCCCTGCAGTGGA  
AGGAAAGGGCCCCAGCAGCTCTGACACTGCCCGGGTGCAATGCCGAGCCTCTCGGTAC  
CCGATCGCCGTGGATTGCTCCTGGACCCTGCCGCCTGCTCCAACTCCACCAGCCCGTG  
TCCTTCATTGCCACGTACAGGCTCGGCATGGCTGCCCGGGGCCACAGCTGGCCCTGCCTG  
CAGCAGACGCCAACGTCCACCAGCTGCACCATCACGGATGTCCAGCTGTTCTCCATGGCT  
CCCTACGTGCTCAATGTCACCGCCGTCCACCCCTGGGGCTCCAGCAGCAGCTTCGTGCCT  
TTCATAACAGAGCACATCATCAAGCCCGACCCTCCAGAAGGCGTGCGCCTAAGCCCCCTC  
GCTGAGCGCCAGCTACAGGTGCAGTGGGAGCCTCCCGGGTCTGGCCCTCCAGAGATC  
TTCTCACTGAAGTACTGGATCCGTTACAAGCGTCAGGGAGCTGCGCGCTTCCACCGGGTG  
GGGCCATTGAAGCCACGTCCTTCATCCTCAGGGCTGTGCGGCCCGAGCCAGGTACTAC  
GTCCAAGTGGCGGCTCAGGACCTCACAGACTACGGGGAAGTGAAGTACTGGAGTCTCCCC  
GCCACTGCCACAATGAGCCTGGGCAAGTAG
```

Clone variation with respect to NM_005755.2



[View online »](#)

5' Read Nucleotide Sequence:	>OriGene 5' read for NM_005755 unedited NNNGGTTCAAATTTGTATACGACTACTATAGGCGGCCGGAATTCGCACCAGGAGCAGA GCTGGCCGAGCCATGACCCCGCAGTTCTCCTGGCCCTTGTCTCTGGGCCAGCTGCC GCCCTGCAGTGGAAAGAAAGGGCCCCAGCAGCTTGACACTGCCCGGGTGCAATGCCG AGCCTCTCGGTACCCGATCGCCGTGGATTGCTCCTGGACCCTGCCGCTGCTCCAACTC CACCAGCCCCGTGCTTTCATTGCCACGTACAGGCTCGGCATGGTGGCCGGGGCCACAG CTGGCCCTGCCTGCAGCAGACGCCAACGTCCACCAGCTGCACCATCACGGATGTCCAGCT GTTCTCCATGGCTCCCTACGTGCTCAATGTCACCGCCGTCACCCCTGGGGCTCCAGCAG CAGCTTTCGTGCCTTTCATAACAGAGCACATCATCAAGCCCGACCTCCAGAAGGCGTGCG CCTAAGCCCCCTCGCTGAGCGCCAGCTACAGGTGCAGTGGGAGCCTCCCGGGTCTGGCC CTTCCAGAGATTTCTCACTGAAGTACTGGATCCGTTACAAGCGTCAGGGAGCTGCGCG CTTCCACCGGGTGGGGCCATTGAAGCCACGTCTTCATCCTCAGGGCTGTGCGGCCCCG AGCCAGGTACTACGTCCAAGTGGCGGCTCAGGACCTCACAGACTACGGNGAACTGAGTGA CTGGAGTCTCCCGCCACTGCCACAATGAGCCTGNGCAAGTAGCAAGGGTTCCCGCTGC CTNCAGACGCACCTGNGTCTCGCCACCCTAAGCCCCGGACACCTGTTGGAGGGCGGATG GGATCTGCCTAGCTGGGCTGGAGTCTTTGCTTGCTGCTGCTGAGCTGCCGGGCACCTC AGAGACCGACTTTTCTNTGAGCCTCAGTTCTCTAGCTGAAAC
Restriction Sites:	NotI-NotI
ACCN:	NM_005755
OTI Disclaimer:	Due to the inherent nature of this plasmid, standard methods to replicate additional amounts of DNA in E. coli are highly likely to result in mutations and/or rearrangements. Therefore, OriGene does not guarantee the capability to replicate this plasmid DNA. Additional amounts of DNA can be purchased from OriGene with batch-specific, full-sequence verification at a reduced cost. Please contact our customer care team at custsupport@origene.com or by calling 301.340.3188 option 3 for pricing and delivery. The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. More info
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_005755.2 , NP_005746.2
RefSeq Size:	1149 bp
RefSeq ORF:	690 bp

Locus ID:	10148
UniProt ID:	Q14213
Cytogenetics:	19p13.3
Domains:	FN3
Protein Families:	Druggable Genome, Secreted Protein
Gene Summary:	This gene was identified by its induced expression in B lymphocytes in response Epstein-Barr virus infection. It encodes a secreted glycoprotein belonging to the hematopoietin receptor family, and heterodimerizes with a 28 kDa protein to form interleukin 27 (IL-27). IL-27 regulates T cell and inflammatory responses, in part by activating the Jak/STAT pathway of CD4+ T cells. [provided by RefSeq, Sep 2008]