

Product datasheet for **SC120352**

ASB5 (NM_080874) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ASB5 (NM_080874) Human Untagged Clone
Tag:	Tag Free
Symbol:	ASB5
Synonyms:	ASB-5
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene ORF within SC120352 sequence for NM_080874 edited (data generated by NextGen Sequencing)

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ATGTCGGTGTAGAAGAAAATCGGCCGTTTGCTCAACAATTATCCAATGTCTACTTTACA
ATACTTTTCGCTGTCTGTTTTAAGCTTTTTGTGAAAATCAGCCTTGCCATCCTCAGTCAT
TTCTACATAGTGAAAGGCAACCGCAAGGAAGCGGCAAGGATAGCAGCTGAATTTTATGGA
GTAACCCAAGGACAAGGTTCTGGGCAGATCGATCACCCTACATGAAGCAGCAAGTCAA
GGTCGCCTTCTTGCTCTGAGAACATTATTATCACAGGGTTATAATGTAATGCAGTAACC
TTAGACCATGTCACCCCATTCACGAAGCCTGCCTTGGAGATCACGTGGCATGTGCCAGA
ACTCTGCTGGAAGCAGGAGCTAATGTAATGCAATCACGATAGATGGCGTGACTCCGTTA
TTCAACGCATGCTCCAAGGCAGTCCAAGCTGTGCAGAGCTGCTTCTGGAGTATGGTGCC
AAAGCCCAGCTGGAGTCATGTCTCCATCCCCAACGCATGAGGCCGCCAGTAAAGGTCAC
CATGAATGTCTTGACATCCTGATATCCTGGGGCATAGATGTTGACCAAGAAATTCCTCAT
TTGGGAACTCCTCTCTATGTAGCTTGTATGTACAGCAATTCCATTGCATCTGGAAGCTT
CTTTATGCTGGTGTGACGTACAGAAAGGCAAATATTGGGATACTCCATTACATGCTGCT
GCTCAACAATCCAGCACAGAAAATTGAAACTTACTGCTAGAAATTTGGAGCAGATATCAAT
GCCAAAAATACAGAGCTTCTGCGACCTATAGATGTAGCTACGTCTAGCAGTATGGTGAA
AGGATATTGCTTCAACATGAAGCTACCCCAAGCTCTCTTTACCACTTTGCCGACTCTGT
ATCCGAAGCTACATAGGAAAACCAAGATTGCACCTTATCCCAACTCCAGCTGCCAACG
TTACTGAAGAATTTCTTACAGTATCGATAA

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Clone variation with respect to NM_080874.3



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5' Read Nucleotide Sequence:

>OriGene 5' read for NM_080874 unedited
 GGGGCTACTATTATGNATACGACTTACTATAGGCGGCCGCGNAATTCGCACGAGGCTGCA
 GCAATGTCGGTGTAGAAAGAAATCGGCCGTTTGGCTCAACAATTATCCAATGTCTACTTTA
 CAATACTTTTCGCTGTTCTGTTTTAAGCTTTTTGTGAAAATCAGCCTTGCCATCCTCAGTC
 ATTTCTACATAGTGAAAGGCAACCGCAAGGAAGCGGCAAGGATAGCAGCTGAATTTATG
 GAGTAACCCAAGGACAAGGTTCTGGGCAGATCGATCACCCTACATGAAGCAGCAAGTC
 AAGTCGCCTTCTTGGCTCTGAGAACATTATTATCACAGGGTTATAATGTAATGCAGTAA
 CCTTAGACCATGTCACCCATTGCACGAAGCCTGCCTTGGAGATCACGTGGCATGTGCCA
 GAACTCTGCTGGAAGCAGGAGCTAATGTAATGCAATCACGATAGATGGCGTGACTCCGT
 TATTCAACGCATGCTCCCAAGGCAGTCCAAGCTGTGCAGAGCTGCTTCTGGAGTATGGTG
 CCAAAGCCAGCTGGAGTCATGTCTTCCATCCCAACGCATGAGGCCGCCAGTAAAGGTC
 ACCATGAATGTCTTGACATCCTGATATCCTGNGGCATAGATGTTGACCAAGAAATTCCTC
 ATTTGGGAACTCCTCTATGTAGCTTGTATGTCACAGCAATTCATTGCATCTGGAAGC
 TTCTTTATGCTGGTGCTGACGTACAGAAAGGCAAATATTGNGATACTCCATTACATGCTG
 CTGCTCAACAATCCAGCACAGAAATTGAACTTACTGCTAGAATTTGGAGCAGATATCA
 ATGCCAAAATACAGAGCTTCTGCGACCTATAGATGTAGCTACGCTAGCAGTATGGTGG
 G

3' Read Nucleotide Sequence:

>OriGene 3' read for NM_080874 unedited
 TCAACTATGNNACCGCGCCGCAATCTAGNGATCGTTTTTTTTTTTTTTTTTTTTTTTTTTT
 TTTATTCCAATGAATAAATCACACTTAATATAATAACAAACATACAATACATTAAG
 TTAGAACACTACTTTGATAAGACAATCATACTCAAGCTAAGATAACAAGGTACAGACATAC
 TGAAATTGTAAAGTGACCATTTAATGTTTATTTACTTCTCTATTGGCACAAGACT
 AATAAGATAGATGGGTTGTATTACTCTTAAAATCTAAGACTTCTCCTCTAGCTCAGGGAA
 AATACTGGTGAAACCTGTTTTACCCAAAAGCAGCTTTAATATCTGTTTAAACAGTTAT
 TCTATAATAAGAACTCCATTTAATGCACGTTATCCATTACAAATGTGTGAGATATTCTA
 TAAAACACATATTTAAAGGTCCTATCCTCATATAAAAACATTGTTTAGTGAATATGCTAC
 AGCTTTATTTCTATGTTTGAAAATCTCAACAAACGTTTTAAATCACAACCTGATTTTTTTT
 CTTTCTGCCAAAATGCAAGCTTAGTGATCTGGGGTGCACATACAATCATAATTTATTTTC
 CCATAGTCTGGAAGTTAGCCAAGAAGTCAGAAGAAAATAAGCCCTGGGTTGTTGAAAATA
 GTGGTCAAAAATTTACTTTATCAAAAATTAATAAATCTATAAACTCACCCAAAGTTGC
 TTTTGTTTTACAAAAGAGTTGTACGTTGATTATCTTATTTCTAAAATCATAATAGGCCCTN
 GATTACAAAACAGGCATAAAAATTTATTAAGTTTTTTATTGCACNTCAGTATAGTTAAAG
 CTGAAGAGAATAACATAGTATTTACCCTTGACAGGACTAGCTTTAGTATATCTTNTCTT
 ATACCATACTCTTGTCTATTACTTGCAAATACAGTATACT

Restriction Sites:

NotI-NotI

ACCN:

NM_080874

Insert Size:

3000 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_080874.2 , NP_543150.1
RefSeq Size:	2929 bp
RefSeq ORF:	990 bp
Locus ID:	140458
UniProt ID:	Q8WWX0
Cytogenetics:	4q34.2
Domains:	ANK
Protein Families:	Transmembrane
Gene Summary:	The protein encoded by this gene is a member of the ankyrin repeat and SOCS box-containing (ASB) family of proteins. They contain ankyrin repeat sequence and SOCS box domain. The SOCS box serves to couple suppressor of cytokine signalling (SOCS) proteins and their binding partners with the elongin B and C complex, possibly targeting them for degradation. Multiple alternatively spliced transcript variants have been described for this gene but their full length sequences are not known. [provided by RefSeq, Jul 2008]