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Product datasheet for SC111804

ASB3 (NM_016115) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ASB3 (NM_016115) Human Untagged Clone
Tag:	Tag Free
Symbol:	ASB3
Synonyms:	ASB-3
Mammalian Cell Selection:	None
Vector:	pCMV6-XL5
E. coli Selection:	Ampicillin (100 ug/mL)

View online »

Fully Sequenced ORF:

>OriGene ORF within SC111804 sequence for NM_016115 edited (data generated by NextGen Sequencing)

ATGGATTTTACAGAGGCTTACGCGGACACGTGCTCTACAGTTGGACTTGCTGCCAGGGAA
GGCAATGTTAAAGTCTTAAGGAAACTGCTCAAAAAGGGCCGAAGTGTCGATGTTGCTGAT
AACAGGGGATGGATGCCAATTCATGAAGCAGCTTATCACAACTCTGTAGAATGTTTGCAA
ATGTTAATTAATGCAGATTCATCTGAAAACTACATTAAGATGAAGACCTTTGAAGGTTTC
TGTGCTTTGCATCTCGCTGCAAGTCAAGGACATTGGAAAATCGTACAGATTCTTTTAGAA
GCTGGGGCAGATCCTAATGCAACTACTTTAGAAGAAACGACACCATTGTTTTTAGCTGTT
GAAAATGGACAGATAGATGTGTTAAGGCTGTTGCTTCAACACGGAGCAAATGTTAATGGA
TCCCATTCTATGTGTGGATGGAACTCCTTGCACCAGGCTTCTTTTCAGGAAAATGCTGAG
ATCATAAAATTGCTTCTTAGAAAAGGAGCAAACAAGGAATGCCAGGATGACTTTGGAATC
ACACCTTTATTTGTGGCTGCTCAGTATGGCAAGCTAGAAAGCTTGAGCATACTTATTTCA
TCGGGTGCAAATGTCAATTGTCAAGCCTTGGACAAAGCTACACCCTTGTTCATTGCTGCT
CAAGAGGGACACACAAAATGTGTGGAGCTTTTGCTCTCCAGTGGGGCAGATCCTGATCTT
TACTGTAATGAGGACAGTTGGCAGTTACCTATTCATGCAGCTGCACAAATGGGCCATACA
AAAATCTTGGACTTGTTAATACCACTTACTAACCGGGCCTGTGACACTGGGCTAAACAAA
GTAAGCCCTGTTTACTCAGCAGTGTTTGGGGGACATGAAGATTGCCTAGAAATATTACTC
CGGAATGGCTACAGCCCAGACGCCCAGGCGTGCCTTGTTTTTGGATTCAGTTCTCCTGTG
TGCATGGCTTTCCAAAAGGACTGTGAGTTCTTTGGAATTGTGAACATTCTTTTGAAATAT
GGAGCCCAGATAAATGAACTTCATTTGGCATACTGCCTGAAGTACGAGAAGTTTTCGATA
TTTCGCTACTTTTTGAGGAAAGGTTGCTCATTGGGACCATGGAACCATATATATGAATTT
GTAAATCATGCAATTAAAGCACAAGCAAAATATAAGGAGTGGTTGCCACATCTTCTGGTT
GCTGGATTTGACCCACTGATTCTACTGTGCAATTCTTGGATTGACTCAGTCAGCATTGAC
ACCCTTATCTTCACTTTGGAGTTTACTAATTGGAAGACACTTGCACCAGCTGTTGAAAGG
ATGCTCTCTGCTCGTGCCTCAAACGCTTGGATTCTACAGCAACATATTGCCACTGTTCCA
TCCCTGACCCATCTTTGTCGTTTGGAAATTCGGTCCAGTCTAAAATCAGAACGTCTACGG
TCTGACAGTTATATTAGTCAGCTGCCACTTCCCAGAAGCCTACATAATTATTTGCTCTAT
GAAGACGTTCTGAGGATGTATGAAGTTCCAGAACTGGCAGCTATTCAAGATGGATAA

Clone variation with respect to NM_016115.4

5' Read Nucleotide Sequence:

>OriGene 5' read for NM_016115 unedited

GGTTCAAATATTTGTATACGACTCACTTATAGGGCGGCCGCGATTCGGCACGAGGCTCGG
ACCAGCCATTTCGGTGTAGAAGTGGCAGCACGGCAGACTGGTCAAACAAATGGATTTTAC
AGAGGCTTACGCGGACACGTGCTCTACAGTTGGACTTGCTGCCAGGGAAGGCAATGTTAA
AGTCTTAAGGAAACTGCTCAAAAAGGGCCGAAGTGTCGATGTTGCTGATAACAGGGGATG
GATGCCAATTCATGAAGCAGCTTATCACAACTCTGTAGAATGTTTGCAAATGTTAATTAA
TGCAGATTCATCTGAAAACTACATTAAGATGAAGACCTTTGAAGGTTTCTGTGCTTTGCA
TCTCGCTGCAAGTCAAGGACATTGGAAAATCGTACAGATTCTTTTAGAAGCTGGGGCAGA
TCCTAATGCAACTACTTTAGAAGAAACGACACCATTGTTTTTAGCTGTTGAAAATGGACA
GATAGATGTGTTAAGGCTGTTGCTTCAACACGGAGCAAATGTTAATGGATCCCATTCTAT
GTGTGGATGGAACTCCTTGCACCAGGCTTCTTTTCAGGAAAATGCTGAGATCATAAAATT
GCTTCTTAGAAAAGGAGCAAACAAGGAATGCCAGGATGACTTTGGAATCACACCTTTATT
TGTGGCTGCTCAGTATGGCAAGCTAGAAAGCTTGAGCATACTTATTTCATCGGGTGCAAA
TGTCAATTGTCAAGCCTTGGACAAAGCTACACCCTTGTTCATTGCTGCTCAAGAGGGACA
CACAAAATGTGTGGAGCTTTTGCTCTCCAGTGGGGCAGATCCTGATCTTTTACTGTATGA
NGACAGTTGGCAGTTACCTATTCATGCAGCTGCACANATGGGCCATACANAATCTTGGAC
TTGNTATACCACTTACTAACCGGGCTGG

3' Read Nucleotide Sequence:

>OriGene 3' read for NM_016115 unedited
GGCCGCGGCCGCAATCTAGAGTCGAGTTTTTTTTTTTTTTTTTTTTTTTTACTGGGAA
GGCTAGTTGTAAACATAAACATTCTCACTGAACTACTGGCCCCCCAAAACCTAACCTATC
TCACAATCAATAATCATCTTTTGACTATAAAATCATAAAAACTTGTACTCTGGGGCTCTT
TTGTCTCGATGATTTTTCAAAGAAAAAAATTAGCTGTGTTAAGTAGTTTCACTGATTTAT
CCATCTTGAATAGCTGCCAGTTCTGGAACTTCATACATCCTCAAAACGTCTTCATAGAGC
AAATAATTATGTAGGCTTCTGGGAAGTGGCAGCTGACTAATATAACTGTCAGACCGTAGA
CGTTCTGATTTTAGACTGGACCGAATTTCCAAACGACAAAGATGGGTCAGGGATGGAACA
GTGGCAATATGTTGCTGTAAAATCCAAGCGTTTGAGGCACGAGCAGAGAGCATCCTTTCA
ACAGCTGGTGCAAGTGTCTTCCAATTAGTAAACTCCAAAGTGAAGATAAGGGTGTCAATG
CTGACTGAGTCAATCCAAGAATTGCACAGTAGAATCAGTGGGTCAAATCCAGCAACCAGA
AGATGTGGCAACCACTCCTTATATTTTGCTTGTGCTTTAATTGCATGATTTACAAATTCA
TATATATGGTTCCATGGGTCCCAATGAGCACCTTTCCTCAAAAAGTAGCGAAATATCGAA
AACTTCTCGTACTTCAGGCAGTATGCCAAATGAAATTCATTTATCTGGGCTCCATATTTC
AAAAGATGTTCACAATTCCAAGAACTCACAGTCCTTTTGGGAAGGCCTGCCCCAGGGAGA
CTGATCCAAAACCAGGCCGCCTGGGCGTCTGGGCTGTACCATTCCGGATATATTCTAGGC
ATCTTCATGCCCCAAACTGCTGATAAA

Restriction Sites: NotI-NotI

ACCN: NM_016115

Insert Size: 1870 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:
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_016115.3, NP_057199.1

RefSeq Size: 2214 bp

RefSeq ORF: 1557 bp

Locus ID: 51130

UniProt ID: Q9Y575

Cytogenetics: 2p16.2

Domains: ANK

Protein Families: Druggable Genome

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. Alternatively spliced transcript variants have been described for this gene. [provided by RefSeq, Jan 2011]
Transcript Variant: This variant (1) encodes the longer isoform (a).