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Product datasheet for RN204703

Asb2 (NM_001011984) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Asb2 (NM_001011984) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Asb2
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin

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Fully Sequenced ORF:

>RN204703 representing NM_001011984
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGTCGACTGAGATCTCCACTCGGGGCAGACAGCGTGCCATTGGGCATGAGGAATACAGCCTGTACAGCA
GCTTGAGTGAGGAGGAGCTGGTCCAGATGGCCATTGAGCAGAGCCTGGCAGACAAGACTCGGGGCCCAAC
CCCTGCTGAGACCTCTGTGTCCTCTCAGACCAACCACCAGCCAGGCCATATCCACCCATGGACCAGGTCC
TCCTCTCCTCCCGAGAGCCCACCGGCCCGAGCACCCCTGGGCCTGTTCCAAGGGGTCATGCAGAAGTATA
GCAGCAACCTGTTCAAGACCTCCCAGATGGCGGCTATGGACCCCGTGCTGAAGGCCATCAAGGAAGGGGA
TGAAGAAGCCTTGAAGGCCATGATCCAGGATGGGAAGAATCTTGCAGAGCCCAACAAGGAGGGCTGGCTG
CCGCTTCACGAGGCTGCCTACTATGGCAAGCTGGGCTGCCTGAAAGTCCTGCAACGAGCTTACCCAGGGA
CCATTGACCAGCGTACACTGCAGGAAGAGACAGCACTATACCTGGCTACGTGCAGAGAACACCTGGACTG
CCTCCTGTCCCTGCTCCAGGCGGGGGCAGAGCCTGACATCTCTAACAAATCCAGGGAGACCCCACTTTAC
AAAGCCTGTGAGCGCAAGAACGCGGAGGCCGTGAGGATATTGGTGCAATACAATGCAGACGCCAACCACC
GCTGCAACAGGGGCTGGACGGCCCTGCATGAGTCTGTCTCACGCAATGACCTGGAGGTCATGGAGATCCT
AGTGAGCGGCGGGGCCAAGGTGGAAGCCAAGAACGTCTACAGCATTACCCCCTTGTTTGTGGCTGCCCAG
AGCGGGCAGCTGGAGGCCCTGAGGTTCCTGGCCAAGCATGGTGCAGACATCAACACGCAGGCCAGCGACA
GCGCGTCCGCCCTCTACGAGGCCTGCAAGAACGAGCATGAAGACGTGGTGGAGTTTCTTCTCTCGCAGGG
CGCCGACGCTAACAAAGCCAACAAGGACGGCTTGCTTCCACTGCACGTTGCCTCCAAGAAGGGCAATTAT
AGAATAGTGCAGATGCTGTTGCCTGTGACCAGCCGCACGCGCGTGCGCCGTAGCGGCATCAGCCCGCTGC
ACCTGGCGGCCGAGCGCAACCACGACGCGGTGCTGGAGGCGCTGCTGGCCGCGCGCTTCGACGTGAACAC
GCCTCTGGCTCCCGAGCGCGCGCGCCTCTACGAGGACCGCCGCACTTCAGCGCTCTACTTCGCCGTGGTC
AACAACAATGTGTACGCCACGGAGTTGTTGCTGCTGGCGGGCGCCGACCCCAACCGCGACGTCATCAGCC
CCCTGCTCGTGGCCATCCGCCACGGCTGCCTGCGCACCATGCAGCTGCTGTTGGACCATGGTGCAAACAT
CGACGCCTACATCGCCACTCACCCCACTGCCTTCCCGGCCACCATCATGTTTGCCATGAAGTGCCTTTCG
TTACTCAAGTTCCTCATGGACCTCGGTTGCGATGGCGAGCCCTGCTTTTCCTGCCTGTATGGCAACGGGC
CACACCCACCTGCCCCACGATCCGGCCGCTTCAACGACGCGCCCGTGGACGACAAGGCACCCAGCGTGGT
GCAGTTCTGTGAGTTCCTGTCGGCCCCGGAAGTGAGCCGCTGGGCGGGACCCATCATCGATGTCCTTCTG
GACTATGTCGGCAACGTGCAGCTGTGCTCCCGGCTGAAGGAGCACATCGACAGCTTTGAGGACTGGGCTG
TCATCAAGGAGAAGGCAGAACCTCCAAGACCTCTGGCTCACCTCTGCCGGCTGCGGGTTCGGAAGGCCAT
AGGGAAATACCGGATAAAACTCCTGGACACACTGCCCCTCCCGGGCAGGCTAATCAGATACCTGAAATAC
GAGAATACACAGTAA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_001011984

Insert Size: 1905 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_001011984.1, NP_001011984.1
RefSeq Size:	2512 bp
RefSeq ORF:	1905 bp
Locus ID:	299266
UniProt ID:	Q5U2S6
Cytogenetics:	6q32
Gene Summary:	Probable substrate-recognition component of a SCF-like ECS (Elongin-Cullin-SOCS-box protein) E3 ubiquitin-protein ligase complex which mediates the ubiquitination and subsequent proteasomal degradation of target proteins.[UniProtKB/Swiss-Prot Function]