

Product datasheet for **MR223151**

Asb10 (NM_080444) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Asb10 (NM_080444) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Asb10
Synonyms:	Asb-10; BB137407
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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ORF Nucleotide Sequence:

>MR223151 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGCTCATGAGTTGGTCCCCAGAGGAGTGCAGGGACCAGGGAGAGCCTCAGGGTGACAGATACAGCCTGT
 GTGCCAAGCTGGTAGAGAAGCCTGATAGAGGGTCTGAGGAGCACCTTGAGCCTGGCCTGGGACCTATCAT
 CATCCGCTCGGCTTCAGGACCCACCCTTGCCTTCTGGCAGGCAGTACTTGTGGGATGTGGCTCTGTC
 TCTCGAATCCTCTCGGACTCCAGCACTGGTCTGGCTCCCGATTCCATCTTTGATACCAGCGACCCAGAGC
 GATGGAGAGATTACCGCTTCAACATCCGTGCTTTGAGACTCTGGTCTCTGACATATGAAGAGGAGCTGAC
 CACTCCACTGCATGTGGCAGCCAGCCGTGGCCACACTGAAGTTCTTGAGTTGCTGCTGAGGCGTCGAGCC
 AAGCCGGACAGTCCCCCGGGGGCCGACTGCACTGCATGAGGCCTGTTCTGCAGGTCATGCTGCCTGTG
 TCCGTGTGCTGTTGGTGGCTGGAGCAGACCCCAACACCCTGGACCAGGATGGCAAACGCCCTTGCATCT
 CTGCCGGGGCCTGGTATCCTCGAGTGTGTGGAGTTGCTCCTGAAGTTTGGAGCACAAGTGGATGGTCGG
 ACTGAAGATGAAGAAGAGACCCCTCTGCACATAGCTGCCCGCTTGGCCATGTGGAAGTACAGAGATCTGC
 TTCTGAGATGGGGTGCCTGTCCTGATGTCCGAATTCTGAAGTTGGACACCACTGCTGGCTGCCTGTGA
 CATCCGCTGTCAATCCCCAAAGGATGCTGAGGCCACCACCAACCCTGTTTTCAACTGTGCCGCTTGTCTG
 CTGTCTGTGGGGCAGATGCTGATGCCGCCAACAGGACAAGCAGCGGCCCTGCACCTGGCCTGCCGCC
 ACGGCCACTCAGCTGTTGTACAGCTGCTCCTGTCTGTGGTGTCAACGCTAATGCCATGGACTACGGGGG
 ACACACGCCTCTGCACTGTGCTCTGCTCGTCCAACACTACAGCAGTGGCCACAGCCCTGAGCACACAGTG
 CGAGATCTACTCAATCACGGTGTGTCCGAGTCTGGCCAGGGGCACTCCCAAGGTGCTGGATCGCTGGT
 GCATGTCCCCACGGACCATCGAGTCTGATGAATACATACCGTGTAGTTCAGCTTCTGAGGAGGCCAA
 GGGCTTGGTGCCACCAGAGATTCTACAGAAGTACCATGGATTCTACTTCCCTCTTGCCTTGGTGAGG
 CAGCCCAGGTGCTGAGCATCTCTGCCGTTGTGCGCTCCGCACTGACCTGGAGGCTGTCTGCCCATG
 CACTACCGCGCCTTCCCCTGCCACCGCGCATGCTCCGCTTCTGCAGCTGGACTTTGAGGATCTGCTCTA
 C

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>MR223151 protein sequence
 Red=Cloning site Green=Tags(s)

MLMSWSPEECDQGEPOGDRYSLCAKLVEKPDGSEEHLEPGLGPIIIRSASGPTLAFWQAVLVGDVGSV
 SRILSDSSTGLAPDSIFDTSUPERWRDYRFNIRALRLWSLTYEELTTPHVAASRGHTEVLELLRRRA
 KPDSAPGGRTALHEACSAGHAACVRVLLVAGADPNTLDQDGKRPLHLCRGPGILECVELLKFGAQVDGR
 TEDEEETPLHIAARLGHVELADLLLWAGCPDVRNSEGWTPLLAACDIRCQSPKDAEATTNRCFQLCRLL
 LSVGADADAANQDKQRPLHLACRHGSAVVQLLLSCGVNANAMDYGGHTPLHCALLGPTTAVAHSPHEHTV
 RDLLNHGAVRVWPGALPKVLDRCWMSPTIEVLMNTYRVVQLPEEAKGLVPPEILQKYHGFYSSLFALVR
 QPRSLQHLRCALRSHLEGCLPHALPRLPLPPRMLRFLQLDFEDLLY

TRTRPLEQ**KL**I**SEEDLA**AND**ILDYK**DDDD**KV**

Restriction Sites:

Sgfl-MluI

Cloning Scheme:

ACCN: NM_080444

ORF Size: 1404 bp

OTI Disclaimer: 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](#)
OTI Annotation: This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.

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.

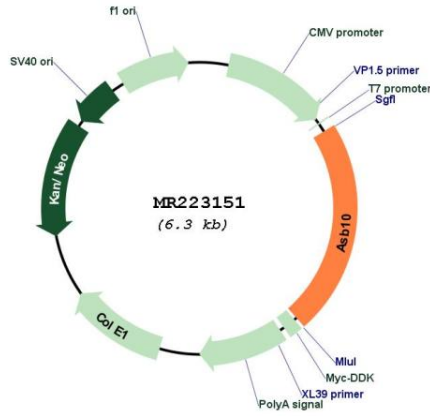
RefSeq: [NM_080444.5](#), [NP_536692.1](#)
RefSeq Size: 2318 bp

RefSeq ORF: 1404 bp

Locus ID: 117590

UniProt ID: [Q91ZT7](#)

Cytogenetics: 5 A3
MW: 51.6 kDa
Gene Summary: May be a 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]

Product images:


Circular map for MR223151