

Product datasheet for MR203923

Asb8 (NM_001170710) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Asb8 (NM_001170710) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Asb8
Synonyms:	4930539L19Rik; AI788835; C430011H06Rik
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>MR203923 representing NM_001170710 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGAGTCCAGCATGTGGTATATTATGCAGAGCATTAGAGCAAATACTCCCTCTCCGAACGCCTGATCC
GAACCATCGTGCCATCCGCTCCTTCCCACATGACAACGTAGAGGACCTCATCAGAGGGGGAGCAGATGT
GAACTGCACGCACGGCACACTGAAGCCCTCCACTGTGCCTGCATGGTGTCCGACGCCGACTGCGTAGAG
CTCCTCCTGGAGAAGGGAGCAGAGGTCAATGCCCTGGATGGTTACAACCGAACGGCCCTCCACTATGCAG
CAGAGAAAAGATGAGGCTTGTGTGGAGTCTACTGGAGTATGGGGCAAACCCCAATGCACCTGGACGGCAA
CAGAGACACCCCGCTTATTGGGCAGCCTTAAGAACAATGCTGAGTGTGTGCGGGCTCTCTGGAGAGC
GGGGCCTCCGTCATGCCCTGGATTACAACAACGATACGCCGCTCAGCTGGGCTGCCATGAAGGGAAATC
TTGAGAGTGTGAGCATCCTTCTTGATTATGGTGTGAGGTGAGAGTCACTCAACTAAAAGGCCAGACACC
CATCTCCCGCCTGGTGGCTCTGCTAGTGAGAGGACTTGGAAACAGAAAAAGAGACTCCTGCTTTGAGCTC
CTCCATAGAGCTGTTGGACAGTTGAATTAAGGAAAAACGGCATCATGCCCGAGAAGTGACCAAAGACC
AGCAGCTGTGTGAAAACTGACTGTGTTGTGCTCAGCACCAGGGACGCTTAAACCCTCGCCCGCTATGC
TGTGCGCCGTAGCCTCGGTCTCCAGTACCTGCCGACGCAGTGAAGGGTCTCCACTGCCAGTGTCTTTG
AAGGACTACCTGTTACTTTGGAG

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTAA



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Protein Sequence: >MR203923 representing NM_001170710
 Red=Cloning site Green=Tags(s)

MSSSMWYIMQSIQSKYLSERLIRTIAAIRSFPHDNVEDLIRGGADVNCTHGLKPLHCACMVSDADCVE
 LLLLEKGAEVNLDGYNRTALHYAAEKDEACVEVLLLEYGANPNALDGNRDTPLHWAAFKNNACVRRALLES
 GASVNALDYNNDTPLSWAAMKGNLESVSIILLDYGAEVVRVINKGQTPISRLVALLVRGLGTEKEDSCFEL
 LHRAVGQFELRKNIMPREVTKDQQLCEKLTVLC SAPGTLKTLARYAVRRSLGLQYLPDAVKGLPLPVSL
 KDYLLLLLE

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: SgfI-MluI

Cloning Scheme:

Cloning sites used for ORF Shuttling:



* The last codon before the Stop codon of the ORF

ACCN: NM_001170710

ORF Size: 864 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_001170710.1](#), [NP_001164181.1](#)

RefSeq Size: 2170 bp

RefSeq ORF: 867 bp

Locus ID: 78541

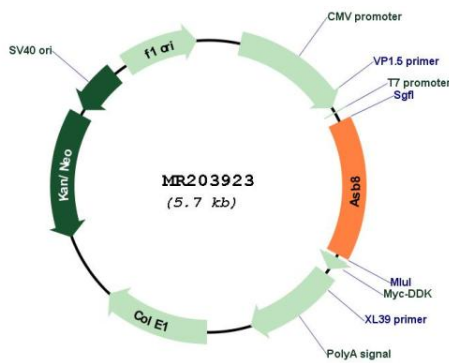
UniProt ID: [Q91ZT9](#)

Cytogenetics: 15 F1

MW: 31.7 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 MR203923