

Product datasheet for MR216127

Asb8 (NM_001170711) Mouse Tagged ORF Clone

Product data:

| | |
|---------------------------|--|
| Product Type: | Expression Plasmids |
| Product Name: | Asb8 (NM_001170711) 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: | >MR216127 representing NM_001170711 Red=Cloning site Blue=ORF Green=Tags(s) |

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGAGTCCAGCATGTGGTATATTATGCAGAGCATTAGAGCAAATACTCCCTCTCCGAACGCCTGATCC
GAACCATCGTGCCATCCGCTCCTTCCCACATGACAACGTAGAGGACCTCATCAGAGGGGGAGCAGATGT
GAACTGCACGCACGGCACACTGAAGCCCTCCACTGTGCCTGCATGGTGTCCGACGCCGACTGCGTAGAG
CTCCTCCTGGAGAAGGGAGCAGAGGTCAATGCCCTGGATGGTTACAACCGAACGGCCCTCCACTATGCAG
CAGAGAAAAGATGAGGCTTGTGTGGAGTCTACTGGAGTATGGGGCAAACCCCAATGCACCTGGACGGCAA
CAGAGACACCCCGCTTATTGGGCAGCCTTAAAGAACAATGCTGAGTGTGTGCGGGCTCTCTGGAGAGC
GGGGCCTCCGTCATGCCCTGGATTACAACAACGATACGCCGCTCAGCTGGGCTGCCATGAAGGGAAATC
TTGAGAGTGTGAGCATCCTTCTTGATTATGGTGTGAGGTGAGAGTCACTCAACTAAAAGGCCAGACACC
CATCTCCCGCCTGGTGGCTCTGCTAGTGAGAGGACTTGGAAACAGAAAAAGAAGACTCCTGCTTTGAGCTC
CTCCATAGAGCTGTTGGACAGTTGAATTAAGGAAAAACGGCATCATGCCCGAGAAGTGACCAAAGACC
AGCAGCTGTGTGAAAACTGACTGTGTTGTGCTCAGCACCAGGGACGCTTAAACCCTCGCCCGCTATGC
TGTGCGCCGTAGCCTCGGTCTCCAGTACCTGCCGACGCAGTGAAGGGTCTCCACTGCCAGTGTCTTTG
AAGGACTACCTGTTACTTTGGAG

ACGCGTACGCGGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence: >MR216127 representing NM_001170711
Red=Cloning site Green=Tags(s)

MSSSMWYIMQSIQSKYSLSERLIRTIAAIRSFPHDNVEDLIRGGADVNCTHGLKPLHCACMVSDADCVE
 LLLLEKGAEVNLDGYNRTALHYAAEKDEACVEVLLLEYGANPNALDGNRDTPLHWAAFKNNACVRRALLES
 GASVNALDYNNDTPLSWAAMKGNLESVSIILLDYGAEVRVINLKGQTPISRLVALLVRGLGTEKEDSCFEL
 LHRAVGQFELRKNGIMPREVTKDQQLCEKLTVLC SAPGTLKTLARYAVRRSLGLQYLPDAVKGLPLPVSL
 KDYLLLLLE

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Chromatograms: https://cdn.origene.com/chromatograms/mm9091_b08.zip

Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: NM_001170711

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_001170711.1](#), [NP_001164182.1](#)

RefSeq Size: 2176 bp

RefSeq ORF: 867 bp

Locus ID: 78541

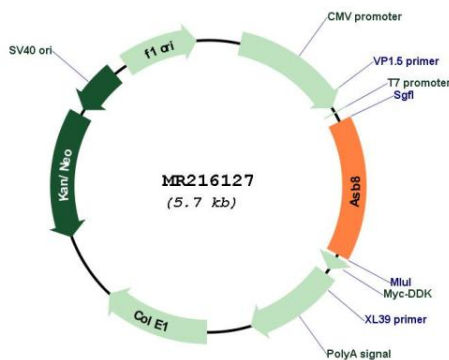
UniProt ID: [Q91ZT9](#)

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 MR216127