

## Product datasheet for **MC210887**

### Asb9 (NM\_027027) Mouse Untagged Clone

#### Product data:

|                      |   |
|----------------------|---|
| Product Type:        | Expression Plasmids   |
| Product Name:        | Asb9 (NM_027027) Mouse Untagged Clone   |
| Tag:                 | Tag Free  |
| Symbol:              | Asb9  |
| Synonyms:            | 1700011M07Rik   |
| Vector:              | pCMV6-Entry (PS100001)  |
| E. coli Selection:   | Kanamycin (25 ug/mL)  |
| Cell Selection:      | Neomycin  |
| Fully Sequenced ORF: | >MC210887 representing NM_027027<br>Red=Cloning site Blue=ORF Orange=Stop codon |

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**GCGATCGCC**

ATGGATGGTGAACAAAGGGGCAGGAGTGACAGGCCAGGAGGCTCTCTCACCTACCATTCCCTTTCAAACC  
CGTTGATGGGAGATGTAGTGTCTGACTGGTCTCCTCTTCATGATGCTGCAATCCACGGATGTCTGCTGAC  
CCTGAGGAACCTTATCAGCCAGGTTGGCCTGTAACATCATCACAGCAGATCACGTGTCTCCCCTCCAT  
GAAGCATGCCTCAGAGGTACCTGTCTGTGCAAGTGTGTTACTAAGTCATGGAGCTCAGGTGAATGGCA  
TGACCATAGACTGGCGAACTCCCTTGTTAATGCATGTGTCAGCGGCAGTCAGGACTGTGTGAATCTGCT  
GCTACAGCATGGAGCCACTCCCCACCCTGAGACTGAGCTGGCCTCTCCATCCATGAGGCTGCTAAAAGA  
GGATATGTGAAATGCATTGAGTCCCTCGCAGCTCATGGGGCCAATATTGACTATAACATCAGCCATCTCG  
GAACACCTCTGTATGTGGCTTGTAAAAACCAGCAAGTAGCCTGTGCCAAGAAGCTCCTAGAATCAGGAGT  
ATCTGTGAATCAAGGCAAAGGCTTGATTCTCCTTTACGTAGTGCCAGGATGTCCAGTGTGGAGCTG  
GTGCATCTGCTCATGGATTTGGAGCAAACGCTCAAGCCAAGAATGCTGATGGCAAACGCTCTGTGGACC  
TGGTGCCCTCTGGAGAGTCCTTTGATCCAGATCTTTGCGAGAATGAAGGACCCAGTCTTTGAGGCAGCT  
ATGCCGCTGAGAATCCGAAATGCTTTGGCATTGCGCAGCATATAAGATTTCTGAGCTCCTCCTCCCG  
GAAGACCTGAAGCGCTTCCTTTACACCTCTAA

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA

|                    |           |
|--------------------|-----------|
| Restriction Sites: | Sgfl-MluI |
| ACCN:              | NM_027027 |
| Insert Size:       | 873 bp    |



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|                               |   |
|-------------------------------|---|
| <b>OTI Disclaimer:</b>        | 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).  |
| <b>Components:</b>            | 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).  |
| <b>Reconstitution Method:</b> | <ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol> |
| <b>RefSeq:</b>                | <a href="#">NM_027027.2</a> , <a href="#">NP_081303.1</a>   |
| <b>RefSeq Size:</b>           | 1128 bp   |
| <b>RefSeq ORF:</b>            | 873 bp  |
| <b>Locus ID:</b>              | 69299   |
| <b>UniProt ID:</b>            | <a href="#">Q91ZT8</a>  |
| <b>Cytogenetics:</b>          | X F5  |
| <b>Gene Summary:</b>          | 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. Recognizes at least two forms of creatine kinase, CKB and CKMT1A (By similarity).[UniProtKB/Swiss-Prot Function]   |