

## Product datasheet for **MC220462**

### Ushbp1 (NM\_181418) Mouse Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Ushbp1 (NM_181418) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Ushbp1
Synonyms:	2210404N08Rik; 9430064H24; AIEBP; MCC2
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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**Fully Sequenced ORF:** >MC220462 representing NM\_181418  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGAGTGCCCGGGCCACACGGCCCCGAAGCCGTCGAGGGAGGCATCCTCTGCCTGGGGAGCTAGACCCTG  
 TAGCTGAGAGCTCAGAGGAAGTAGATGCCAACAAATGGACGCTTCGAGACTAAACCTGAGCTGCATCAGGA  
 ATACCTTGGTCTCGCCCTCAGAGCCCAAGGAAGTGGATCAAGGAGGGTTGTGATGTGGGATCCCATGCG  
 GTTCTATCCTTGAGCCAGAAGAACAGTGCAGCCTGAGGTGGAAGCCACCAGGTCTGCAAGAAGCCC  
 CCCTGGATAGTGGCCCTGCTGAGATATCAGTACCCAGTGTGTATGAGACCTTGCAAGTGCAGGCTGAGCTC  
 CCTTGAGGCAGTTGTAGCTGCCTTGCGCCACCACTCGCTAAGCTTTCCAAAGTCAAGTGCAGGAGCAGAAGAC  
 AGAGACCAGGGGGCTCCGGGGCCCTTTGGTGATGAGAAAGAAGACGCAGGACCTGGACAGCAGGAGGCTG  
 CTCGCCTCATAGAGGAAACGCCTGGCTGCGGCTAGCCCTGTGCAACCGGGAGGATGAGCTGGCATGCAC  
 TCAGGCTTCACTGCAGGACGCCAGGCAGAGAAGGAGACTCTGCAGAGACAGGTACAGGAGCTGGAGGAT  
 TCCTGTATGCAGATGGAGGCCTCCACCTACCCCATCCTCAGAGCAGGGCGTAGAAAACAGCAACTCCA  
 GTACTTCTGGGGCAGAAAGGAGACCCTGGGTACCTCAGGACTCTTCCATGGCTCACCCCTTTCTCCAACG  
 CCTCCGGAGTGACTCCAGCACCCAGAGCTTTGGGTGCCTTCCACACAGCATCCAGCCCCAGAGAGCTAC  
 CTCATGGAAGACCAGATGGGGCAGCTCCAGGGGAGCATTGAGAAGTTGAAGTGTCAACCGTCTTCTTC  
 TGGCTGTGCTCCAGGGCTACAAGGGCCGTTGTGAGAGCCTCAGCATTAGCTGGCCAAGCGGGAAGCCGA  
 GGCCACAGCCCTGCGCCTGGCTCTGCAGTATAGTGAGGACTGTGAGGAGGTGATGAGGTGCTGCTAGCT  
 CTGAAGATGGCTGGCCTAGGAAGTGGAGTTGGAAGTACCAAGGGTGACCTGCAGGCTGCTGAGAAGGAGG  
 CCTCTAGGCTGCTGATGAAGAAGGAAGCAACCATGGAGGTAGAGACACCCAGCCAGCTCAGAGGGCAG  
 TGGTGTGGACAAGCCTACACCAGAGGAAGTGGCCTCTCAGCTCCATGGCTATGTCCAGCATCTCCGGGAA  
 CGCTGGGCTCTGGTGAAGATCCCCGAAGAAGTGGCCCTGTCAGTGCACCCAAGGCCACTATGCCCATG  
 CAGAAGCAACAGTGCAGGCCATTCTGGAGATACAACCTGGCCCCACCTTGCCCCATCTGGAGAAGTCTCA  
 GATCCAGCAGGACCTAGCAGCTACTCGGGACAGGCTGGCTGATCTGGTGTGAGGCTGCAGCTAACACAA  
 CGAGAGAAGCGTGGGTTGGAGCTGCGGGAGGCTGCACTGCGGGCCAGGGCCCTGCCACCAGCTACTCC  
 TGCAGCAGCTTCGCTGGGAGCGGCTCACTTTGCGGGTGTGGCAGCAGTGGAGGAGTGCAGGAGCC  
 AAGCAGCGAGGAGGCTGGGGAGGACAGACAGCAGCACTACCAGGGCCCTCTTGCCCTCTGGATGGT  
 CAGATGGGCAAAGTGTGGGACTCTGAGAATGTGTCCCAGGAAGTGTGAGGCTCTTGCCCGGGCAATAG  
 ACCTGCGGGCACAGCTGCAGTCCCTGCGCAGCAGCTGGAACAGGTGACTCAGAAGGGCCGAACAGAGC  
 TGTTTCAGAGTGCCGAGCTGTCCAGAGAAGTGTGCAAGGCTCACAGTGTCTTGGCCTTGGCCTTCAGAGGA  
 GCCCACCGGAAGCAGGAAGAGCAACGCCTGAAGTTGGAGCAGCAGGTGGCTCGGTTGCAGGCTCAGCAGG  
 CAGAAGAGCTGGCAGTGTGACAGCCACCCTAGGGCCCTGGGGAAGCCTGGGGCACCCAGCCAGCCCA  
 GACTTCTCTGTAG

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM\_181418
- Insert Size:** 2043 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\\_181418.3](#), [NP\\_852083.2](#)

**RefSeq Size:** 3549 bp

**RefSeq ORF:** 2043 bp

**Locus ID:** 234395

**UniProt ID:** [Q8R370](#)

**Cytogenetics:** 8 B3.3