

Product datasheet for **MC227724**

Ubap1 (NM_001290454) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Ubap1 (NM_001290454) Mouse Untagged Clone
Tag: Tag Free
Symbol: Ubap1
Synonyms: 2700092A01Rik; NAG20; Ubap; UBAP-1
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC227724 representing NM_001290454
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGGCTTCTAAGAAGTTGGGGACAGATGTTTCATGGGACTTTCAGTTACCTTGACGATGTCCCATTTAAGA
 TAGGAGACAAATTCAAAACACCAGCGAAAGTGGGTCTGCCTATTGGCTTCTCCTTGCCCTGACTGCTTACA
 GTTTGTACAGAGATGCAGTATGACTTCTCCTTGGAAAAGAAAACCATTGAGTGGGCTGAAGATATTTAA
 CTAAATCCAAGAAGCTCAGCGGGAAGCAGAGCGGAAGGCCGAGGAAGCAGAAGCTAAAGTGAATTCGAAGA
 GTGGTCCAGAGGGTGACAGCAAAGTGAGCTTCCCAAGACTCACAAATACAGCCACAAATGCCACCTCCTAT
 TAACCCCATCCTTGCCAGCTTACAGCACAACAACATCCTCACTCCAACCTCGGGTCAGCAGTAGTGCCACA
 AAGCAGAAAGTTCTCAGCCACCCACACAAAGGCAGACTTCAATCCTGCTGACTTCGAGTGTGAAGAGG
 ACCCATTTGATAATCTGGAGTTAAAACCATTTGATGAGAAGGAAGAGCTGAGAAACATTCTGGTAGGAAC
 CACTGGACCCATAATGGCTCAGTTACTGGACAGTAACACAGCCCGGGGAAGCTCGGGGCTGTGTTACAG
 GATGAGGAGGTCTTGGCATCCTTGGAGCAGGCAACCTTAGACTTCAAGCCTTTCATAAACCCAAATGGCT
 TTATAACCTTACCACAGTTGGCAACTGTGAAAAGATGTCGCTGTCTTCCAAAGTGTCCCTCCCCCTAT
 TCCTACAGTAAGCAATATCAAATCTCTCCTTCCCAAACTTGACTCTGATGACAGCAATCAGAAGACA
 GTCAAGCTTTCGAGCACTTTCCATAGCACAATCCTGCCTCCGAAGTGGCGCATCCCGGAGTCTCCTAAAGC
 CTTCCACCCAAAGCAGTGCCAGTGAGCTCAATGGGGACCACACTTTGGCTTTTCAAGCTTTGAACTTGAA
 CAGTGGCACAGAGGTGCCAACACTGACATCCTCCAGATGCCTTCCCTGTCTAGCGTGTCTGTGTGACA
 GAAGAATCATCACCTCCAGATCCATGTCCACAATTCGACTATCTCTTGCACACGGACAGCTTTGTG
 AGAAGGGTTTTGACCCTTTTTAGTGAAGAGGCTCTGGAATGCACCAGTGTTCAGAAGAAAAGATGAT
 GGAGTTTCTTCAAGTAAATGAGCAAATTTAAGGAAATGGGCTTTGAACTGAAAGACATTAAGGAAGTTTTG
 CTATTACACAACAATGACCAGGACAATGCTCTGGAAGACCTCATGGCCCGGGCTGGAGCCAGCTGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA



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Restriction Sites:	Sgfl-Mlul
ACCN:	NM_001290454
Insert Size:	1326 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).
OTI Annotation:	Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.
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:	<ol style="list-style-type: none">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:	<u>NM_001290454.1</u> , <u>NP_001277383.1</u>
RefSeq Size:	2533 bp
RefSeq ORF:	1326 bp
Locus ID:	67123
UniProt ID:	<u>Q8BH48</u>
Cytogenetics:	4 A5
Gene Summary:	<p>Component of the ESCRT-I complex, a regulator of vesicular trafficking process. Binds to ubiquitinated cargo proteins and is required for the sorting of endocytic ubiquitinated cargos into multivesicular bodies (MVBs). Plays a role in the proteasomal degradation of ubiquitinated cell-surface proteins, such as EGFR and BST2 (By similarity).[UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (2) lacks an alternate in-frame exon in the 3' coding region, compared to variant 1. It encodes isoform 2, which is shorter than isoform 1.</p>