

Product datasheet for **MC201555**

Pomp (NM_025624) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Pomp (NM_025624) Mouse Untagged Clone
Tag: Tag Free
Symbol: Pomp
Synonyms: 2510048O06Rik; Ump1
Mammalian Cell Selection: Neomycin
Vector: PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection: Kanamycin (25 ug/mL)

Fully Sequenced ORF: >BC027016 sequence for NM_025624
TTTGGCCGGCGGACTCGAGCAGGTTTATAGATCTCACAGAGCTGTTTCAAAGATGAACGCCAGAGGTCTT
GGGTCGGAGCTGAAGGACAGTATTCCAGTCGGGAGCTCTCAGCCAGCGGCCTTTCGAGAGTCACGATC
TTCTCCGAAAGGTTTTCTTGTGTGAAAAATGAACTTTTGCCAGTCACCCCTCTCGAGTTATCAGAAAA
AAACTTCCAGCTCAACCAGGACAAGATGAACTTTTCCACGCTGAGGAACATCCAGGGTCTGTTTGCTCCC
CTGAAGTTACAGATGGAATTCAGGCAGTGCAGCAGGTTACCCGTTCTCCCAGCTCAAACC
TCTCACTGGATATTTGAGGGCAACGATGAGACCATTGGTTTTGAGGATATTCTTAATGATCCATCACA
AAGTGAAGTATGGGTGAGCCCCACGTGATGGTGAACATAAGCTGGGCTTGCTGTAATAAGGGGCCCGC
GCAGGGAGGAACGACGAGTGTGCTCAGCATAGTTCCTGCTACAGTCTGATGTTACAGCAGTAAAGTAC
AGAGAGGATCACTGGCCATGTGAAGCATTGAGGCTTGGTTTTGGGTTGTGGGTCAGTTGAGAGCCTA
GAGGTGGTTCTGAGGTTATAGCAAAGCTCAAATCTGAAAATGTGTGCTTATAAATGTTATAAAAACGC
AATAAAGTCCCCGGGAGTTACCTTGAGAAAAA

Restriction Sites: RsrII-NotI

ACCN: NM_025624

Insert Size: 426 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).



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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: [BC027016](#), [AAH27016](#)

RefSeq Size: 742 bp

RefSeq ORF: 426 bp

Locus ID: 66537

UniProt ID: [Q9CQT5](#)

Cytogenetics: 5 G3

Gene Summary: Molecular chaperone essential for the assembly of standard proteasomes and immunoproteasomes. Degraded after completion of proteasome maturation (By similarity). Mediates the association of 20S preproteasome with the endoplasmic reticulum (By similarity).[UniProtKB/Swiss-Prot Function]