

## Product datasheet for MC207553

### Zfand6 (NM\_022985) Mouse Untagged Clone

#### Product data:

Product Type: Expression Plasmids

Product Name: Zfand6 (NM\_022985) Mouse Untagged Clone

Tag: Tag Free

Symbol: Zfand6

Synonyms: 3110005P07Rik; Awp1; Za20d3

Mammalian Cell Selection: Neomycin

Vector: pCMV6-Entry (PS100001)

E. coli Selection: Kanamycin (25 ug/mL)

Fully Sequenced ORF: >MC207553 representing NM\_022985  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTGTAAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGATCGC**C

ATGGCTCAAGAACTAATCACAGCCAAGCACCTATGCTTTGCTCCACTGGCTGCGGATTTTATGAAACC  
 CTCGTACAAATGGCATGTGTTCAAGTATGCTATAAAGAACATCTCAAAGACAGAACAGTAGCAATGGTAG  
 AATAAGCCACCTGCAGCTTCTGTCAGCAGTCTGTCTGAATCCTTACCAGTACAGTGCAGATGGCAGT  
 GTCCCAGACGCTCAGTCAGCGCTAGATTCTACGTCTTCATCTATGCAGCCAGGCCCTGTGTCAAATCAGT  
 CACTTTTATCAGAATCTGTAGCACCTTCCAAGTGGACAGTACATCTGTGGACAAAGCAGTATCTGAGAC  
 AGAAGACCTGCAAGGACCCAGAGCAGAGGGCCTTGTTCCCTCTTGAATGTGATCCTCCATCTTCAGTATCA  
 GATACGACACAGCAGCCATCTGAAGAGCAAAGCAAGTCTCTTGAAAAACAAAACAAAAAAGAATCGCT  
 GTTTCATGTGCAGGAAGAAAGTGGGACTTACTGGGTTTGAATGCCGGTGTGGAAATGTTTACTGTGGTGT  
 GCACCGTTACTCAGATGTTCAATGCTCTTACAATTACAAAGCTGATGCTGCTGAGAAAAATCAGAAAA  
 GAAAATCCAGTAGTTGTTGGTGAAAGATCCAGAAGATT**TGA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM\_022985

Insert Size: 672 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>	<u><a href="#">NM_022985.6</a></u> , <u><a href="#">NP_075361.2</a></u>
<b>RefSeq Size:</b>	1658 bp
<b>RefSeq ORF:</b>	672 bp
<b>Locus ID:</b>	65098
<b>UniProt ID:</b>	<u><a href="#">Q9DCH6</a></u>
<b>Cytogenetics:</b>	7 D3
<b>Gene Summary:</b>	<p>Involved in regulation of TNF-alpha induced NF-kappa-B activation and apoptosis. Involved in modulation of 'Lys-48'-linked polyubiquitination status of TRAF2 and decreases association of TRAF2 with RIPK1 (By similarity). Required for PTS1 target sequence-dependent protein import into peroxisomes and PEX5 stability; may cooperate with PEX6. In vitro involved in PEX5 export from the cytosol to peroxisomes.[UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (6) differs in the 5' UTR compared to variant 1. Variants 1-6 all encode the same isoform (a). Sequence Note: The RefSeq transcript and protein were derived from genomic sequence to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on alignments.</p>