

Product datasheet for RN203195

Zfand6 (NM_001007630) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Zfand6 (NM_001007630) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Zfand6
Synonyms:	Za20d3; zgc:101121
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>RN203195 representing NM_001007630 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGC**C

ATGGCGCAAGAACTAATCACAGCCAAGCACCTATGCTTTGCTCCACTGGCTGCGGATTTTATGAAAACC
CTCGTACAAATGGCATGTGCTCAGTATGCTATAAAGAACATCTTCAAAGACAGAACAGTAGCAATGGTAG
AATAAGCCCACCTGCAGCTTCTGTCAGCAGTCTGTCTGAATCCTTACCAGTACAGTGCAGATGGCAGT
GTCCCAGACGCTCAGTCGGCGTAGATTCTACGTCTTCATCTATGCAGCCAGGCCCTGTATCAAATCAGT
CACTTTTATCAGAATCTGTAGCACCTTCCAAGTGACAGTACATCAGTGGACAAAGCAGTATCCGAGAC
AGAAGACCTGCAAGGACCCAGAGCAGAGGGCCTTGTTCCTTGAATGTGATCCTCCATCTTCAGTATCA
GATACGACACAGCAGCCATCTGAAGAGCAAAGCAAGTCTCTTGAAAAACAAAACAAAAAAGAATCGCT
GTTTCATGTGCAGGAAGAAAGTGGGACTTACTGGGTTTGAATGCCGGTGTGGAAATGTTTACTGTGGTGT
GCACCGTTACTCAGATGTTACAAATTGCTTTACAATTACAAAGCTGATGCTGCTGAGAAAAATCAGAAAA
GAAAATCCAGTAGTTGTTGGTGAAGATCCAGAAGATT**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	Sgfl-MluI
ACCN:	NM_001007630
Insert Size:	672 bp



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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:	<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_001007630.1</u> , <u>NP_001007631.1</u>
RefSeq Size:	1571 bp
RefSeq ORF:	672 bp
Locus ID:	293067
UniProt ID:	<u>Q6DGF4</u>
Cytogenetics:	1q31
Gene Summary:	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. 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 (By similarity).[UniProtKB/Swiss-Prot Function]