

Product datasheet for MC209164

Pex7 (NM_001161825) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Pex7 (NM_001161825) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Pex7
Synonyms:	MmPEX7
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>MC209164 representing NM_001161825 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGAGCGCGCGCGGACGCTGCGGGTGCCCGCCGCCACGGCTATGCGGCCGAGTTCTCTCCGTACCTGC
CGGGCCGCTGGCTGTGCCGCGCGCAGCACTACGGCATCGCGGGCTGTGGAATCTATTAGTATTGGA
TCAAAATGAATCTGGACTTCAGATTTTTAGAAGCTTTGACTGGAATGACGGCTTGTGGACGTTACCTGG
AGTGAAAACAATGAGCATGTCCCTTGTACCTGTAGTGGTATGGCTCACTGCAGCTCTGGGACACTGCCA
AAGCCACAGGCCCTCTCAAGTCTATAAAGAGCACACGCAGGAGTGGGATCCAATGTTGAAAATCTCT
GTGTACCTTTAGGGCCATGAGAGTGTCAATTTACAGCACAATCTGGTCTCCTCACATCCCTGGTTGTTTC
GCTTCAGCCTCAGGAGATCAGACTCTGAGGATCTGGGATGTGAAGACCACAGGAGTACGGATTGTGATTC
CAGCACATCAGACGGAATCCTGAGCTGTGACTGGTGTAAATACAATGAGAACTTGGTGGTGACAGGTGC
GGTTGACTGTAGTTTGTAGAGGCTGGGACTTAAGGAATGTGCGACAGCCTGTGTTTGAACCTCTCGGTAC
ACATATGCTATCAGGAGGGTGAATTTTACCAGCTCCAGCCTCCGTGCTGGCCTCCTGCTCCTATGACT
TCACTGTAAGATTCTGGAATTTTCAAAGCCTGATCCGCTTCTGGAAACAGTGGAGCATCACACAGATT
TACTTGTGGCTTAGACCTGAGTCTCCAGAGCCCCACTCAGGTAGCAGACTGTTCTGGGATGAAACCATA
AAGATCTATGACCCTGTTTGTCTCACGGTTCCTGGTTAA

ACGCGTACGCGGCCGCTCGAGCAGAAAACATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	Sgfl-MluI
ACCN:	NM_001161825
Insert Size:	879 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_001161825.1</u> , <u>NP_001155297.1</u>
RefSeq Size:	1816 bp
RefSeq ORF:	879 bp
Locus ID:	18634
Cytogenetics:	10 A3
Gene Summary:	<p>Binds to the N-terminal PTS2-type peroxisomal targeting signal and plays an essential role in peroxisomal protein import.[UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (2) lacks an alternate in-frame exon compared to variant 1. The resulting isoform (2) has the same N- and C-termini but is shorter compared to isoform 1.</p> <p>Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.</p>