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Product datasheet for MC204041

Pex26 (NM_028730) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Pex26 (NM_028730) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Pex26
Synonyms:	4632428M11Rik
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>BC019144

CCACGCGTCCGGGTTCCCCGTGCAGGTCTTCTGTTGTCGCGCTCTCTACTCTGGGAGTTTCGGTGCTTTT
AGCACCGGTCCAGGGACAGGAGGAACTAGTGCTGGGCCTTCGGCAGCACTAGTCTTGAACAGACAGTCTT
GAACAGGCCAGTGCCCCAAGGGTTAGGCTGTCAGTGAGCGCAGGCTGTGCCCGGGTCCAGCTCCTTCCTG
GTCCTTCCTTAGGAACAGACCTGGAGAGGCGCGGAGGGGAAGAGTGCGAGGCTTGCGGGACATCTACCAG
GCCCAGTCCGAATTTCCAGGAAGCTCCCGAGAAGCTGTCCTCCTGACGTGTGAGGAGACCTGGTCGAACC
CAGGCTGGCTATGAAGAGCGACGCCTCGACGTCTGCAGCCCCTTTGAAAGGGCTCGTGGGCCCTCTGCGG
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TGTTGGTGGTGCACCTGGACTTCCATGCCGCACTAGAGACTTGCGAACGAGCCTGGCAGAGCCTGGCGGA
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CCAAAGTCCTGGAGCTGTGCATCCTTTTATACAGCAAAATGAAAGAGCCCGGAGCTGTGCTGGATGTGGC
CAGTGCCTGGCTCCAAGATCCAGATAACCAGGGCCTTCCTGATTATGGATCGCTGGCCAGACTCCACGTG
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AGGGCCTCCTGGCTGCCTTGATCCTCTGCCTCTTGATTCTACGGTTTGACCCAGCAGCTCCTTCTTCGCT
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TACAGCTCAGAATTTGAATTTGAGTAAGACCAGAGGTCCCTCGGTCCCCCACTCCCCTCCTCCATACCCT
TCCCCCACGCCCCTCCCACAGATCAGTTCACCATCCCCTCCCATTGGTCTGGCAGTAGGGCAAGAGGCTT

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TCTGCTAGAGGCCTTTTGCTGTTCAGACCGGATATGGCTTCTGACTCACCCAGGTGGCCACCTGGAGCAA
AGTGAGCCTGCCTGACCTTATCTCTGGGGAATGTGATCTTTCTTGGTGCCGCTGAGTCTTAGCTCAGTTT
TCCAGCTCGCCAGGGGCCAAGCTCTGCCCTCTGGGACCCAGTGTCTTCCCACCACACCCCACCCCACCAC
CTTTTGATCTGTCTAGCCAACTGTGTCACACCACTGTCTCTCCTTGATCCTTTCTCTGGGTCCTAGTTGT
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AGTGGTTTTGAAGTGAGGACCTACCCATTCACTGCCCTAGAAGAAACTCCTTAACGGCTTTCATGGCCCA
CAGGATACAAATCCAGATTCTTTTTAATAGAAACTTAGGCCAGTGTTCGCACGTCTGGCTGACAGCTCCT
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ATTCCTGTGTGGGTGACTGTTGGCCAGGGTTCTGCTTTCTCATCTGTAAGTCGGTTCTCTTCTCACAGGG
CCTCTTCTACGAGTAATGGGCACTTAGGACTCTTGGCACTTTTGACAGCCACTAGGAAGAGTTCTCGTGA
GCAGTGGTATTCCCAGGCTCAGCTGAGCATGGGTGGGTCCTCAGGGCTGAGTGGACTGGTGGAAGAGGGC
ATGCGCTTCTGGTGCTGTGAAACCCTGAACAGATCGGCTTGTCTTTCTGCTCTCTCCTGATGCTCCTCAC
AGTTGTTCTGCTGGTGGCCCATGGGGCTCTGTTTATTTTTACCTGACTGCTGCAGGGCTGTCTGTACCTT
AACCACCTGCCTATCCAGCCAGGAACTCGAATCCCAAACTGTTGCTGTTACTTTGTCCTTTCCAAGGATG
TAGGCTGGTCCTCGGCTCTGGGCTTAAAGAGGTCAGAGTGAAGGGAGGGCCTTCTTGGTGGGTCCAGCAC
AGCAGCCATCAGCCAAAGGTAGCTTTTGAGCATTTGAATTGTGTGCGGCTCATCCACGTGGACACATGCT
GTAATTGTTAAACATGCACACTGGATTTCAAAGACCAAGTACTAAAAAAAAAAAAAAA

Restriction Sites: RsrII-NotI

ACCN: NM_028730

Insert Size: 918 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).

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: BC019144, AAH19144

RefSeq Size:	3768 bp
RefSeq ORF:	918 bp
Locus ID:	74043
UniProt ID:	Q8BGI5
Cytogenetics:	6 F1
Gene Summary:	This gene is a member of the peroxin-26 family. The encoded protein is probably required for protein import into peroxisomes. It may anchor Pex1 and Pex6 to peroxisome membranes. Defects in a similar gene in human are the cause of peroxisome biogenesis disorder complementation group 8 (PBD-CG8). PBD refers to a group of four disorders: Zellweger syndrome (ZWS), neonatal adrenoleukodystrophy (NALD), infantile Refsum disease (IRD), and classical rhizomelic chondrodysplasia punctata (RCDP). Alternatively spliced transcript variants have been identified for this gene. [provided by RefSeq, Feb 2015] Transcript Variant: This variant (1) represents the longest transcript and encodes the longest isoform (1).