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Product datasheet for SC330941

PEX11A (NM_001271572) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	PEX11A (NM_001271572) Human Untagged Clone
Tag:	Tag Free
Symbol:	PEX11A
Synonyms:	hsPEX11p; PEX11-ALPHA; PMP28
Vector:	pCMV6-Entry (PS100001)
Fully Sequenced ORF:	>SC330941 representing NM_001271572. Blue=Insert sequence Red=Cloning site Green=Tag(s) ATGGACGCCTTCACCCGCTTCACCAACCAGACCCAGGGCCGGGACCGACTCTTCAGAGCCACTCAGTAC ACATGCATGTTGCTTAGATATTTGTTAGAGCCCAAAGCTGGCAAAGAGAAGGTGGTAATGAAGCTCAAG AAACTGGAGTCCAGTGTGAGCACTGGTCGTAAATCCAACCTGAACCGTGTGATTTATTTCATCTGTGAC ACCATCCTCTGGGTGAGGAGCGTAGGTCTCACCTCTGGCATCAACAAAGAGAAATGGCGAACGAGGGCT GCTCACCACTACTACTATTCTCTTCTGCTGAGCCTGGTCAGGGATCTGTATGAAATCTCCCTGCAGATG AAACGAGTTACATGTGACAGGGCAAAGAAAGAGAAATCAGCATCCCAGGATCCTCTTTGGTTCAGCGTG GCTGAGGAGGAAACAGAATGGCTCCAATCCTTTCTACTTCTTTTATTCCGATCTCTGAAGCAGCATCCT CCCTTGCTCCTGGACACAGTGAAGAACCTTTGTGATATCCTGAACCCTTTGGACCAGCTGGGGATCTAT AAATCCAATCCTGGCATCATTGGACTTGGAGGTCTTGTGTCCTCTATAGCAGGCATGATCACTGTGGCA TATCCTCAGATGAAGCTGAAGACCCGTTAG
Restriction Sites:	SgfI-MluI
ACCN:	NM_001271572
Insert Size:	651 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:	NM_001271572.1
RefSeq Size:	2649 bp
RefSeq ORF:	651 bp
Locus ID:	8800
UniProt ID:	O75192
Cytogenetics:	15q26.1
Protein Families:	Transmembrane
MW:	24.9 kDa
Gene Summary:	This gene is a member of the PEX11 family, which is composed of membrane elongation factors involved in regulation of peroxisome maintenance and proliferation. This gene product interacts with peroxisomal membrane protein 19 and may respond to outside stimuli to increase peroxisome abundance. Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene. [provided by RefSeq, Oct 2012] Transcript Variant: This variant (2) uses an alternate in-frame splice site in the 3' coding region, compared to variant 1. This results in a shorter protein (isoform 2), compared to isoform 1. 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.