

## Product datasheet for **SC332467**

### PEX5 related protein (PEX5L) (NM\_001256756) Human Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	PEX5 related protein (PEX5L) (NM_001256756) Human Untagged Clone
Tag:	Tag Free
Symbol:	PEX5 related protein
Synonyms:	PEX5R; PEX5RP; PXR2; PXR2B; TRIP8b
Vector:	pCMV6-Entry (PS100001)
Fully Sequenced ORF:	>SC332467 representing NM_001256756. Blue=Insert sequence Red=Cloning site Green=Tag(s)

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ATGGCAGAGAGAAAATCATCCTCATCTAGAAGCTGGATCAAAGAGCTTATGGTCCTCAGAACACAGA  
TCTCAACCAGAACTGAGTGGTGGAAAAAGCGCCCTCAACTCTGAGTCGGCTTCAGAATTGGAATTAGTG  
GCTCCGACTCAGGCTCGACTGACCAAAGAACATCGCTGGGGAAGCGCATTACTTTCTAGAAACCACTCC  
TTAGAAGAAGAGTTTAAAGGGCAAAGCAGCAGTGGAGTCAGATACAGAGTTTTGGGATAAGATGCAA  
GCAGAATGGGAAGAAATGGCTCGGAGGAACTGGATATCTGAGAACCAAGAAGCCAGAACCAAGTAACC  
ATCTCGGCTAGTGAAGGGATATTACTTTCACACTGAAAACCCCTCAAGGACTGGCCTGGAGCATTT  
GAAGAAGGCTTAAAAGGCTGAAGGAAGGGATCTGCCAGTCACCATCCTGTTTATGGAAGCAGCAATT  
CTTCAGGACCCTGGAGATGCAGAGGCATGGCAGTTCCTCGGGATAACCCAGGCGGAGAATGAAAATGAA  
CAAGCAGCTATTGTGCCTCCAGAGGTGCTTAGAATTACAGCCCAACAACCTAAAAGCTTTGATGGCC  
TTGGCTGTGAGTTATACTAACACTGGCCATCAGCAGGATGCCTGTGACGCTCTGAAGAATTGGATTAAG  
CAAAATCCAAAGTACAAATACCTTGTGAAAAGCAAGAAGGGATCTCCAGGCTCACCCGGCGGATGTCT  
AAGTCCCAGTTGATAGCTCTGTTCTGGAAGGGGTGAAGGAATTATCTGGAAGCTGCCACCAAAAT  
GGAGATATGATCGACCCAGACCTGCAGACAGGTCTAGGGGTTCTGTTCCACCTGAGTGGAGAATTTAAT  
AGAGCAATAGATGCATTTAACGCTGCCTAACTGTTTCGGCCAGAGGACTATTCATATGGAACCGCCTC  
GGGGCGACCTTGGCGAACGGAGACCGCAGCGAGGAAGCCGTGGAGGCCTATACGCGAGCACTGGAGATT  
CAGCCAGGATTATCCGGTCCAGATACAACCTAGGAATAAGCTGCATCAACCTGGGCGCCTACAGAGAA  
GCGGTCAGCAATTTCTCACTGCCTCAGTTTGCAAAGAAAGAGCAGGAATCAGCAGCAAGTTCTCAT  
CCTGCAATCTCTGGGAATATCTGGGCTGCCCTCAGAATTGCGCTCTCTCTGATGGACCAACCAGA  
TTCCAGGCGGCTAATCTTGGTGACCTGGATGTCCTCTTAAGAGCTTTCAACTGGATCCTTGA
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Restriction Sites:	SgfI-MluI
ACCN:	NM_001256756
Insert Size:	1305 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>	<a href="#">NM_001256756.1</a>
<b>RefSeq Size:</b>	8830 bp
<b>RefSeq ORF:</b>	1305 bp
<b>Locus ID:</b>	51555
<b>UniProt ID:</b>	<a href="#">Q8IYB4</a>
<b>Cytogenetics:</b>	3q26.33
<b>Protein Families:</b>	Druggable Genome
<b>MW:</b>	48.5 kDa
<b>Gene Summary:</b>	<p>Accessory subunit of hyperpolarization-activated cyclic nucleotide-gated (HCN) channels, regulating their cell-surface expression and cyclic nucleotide dependence.[UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (8), as well as variants 22-28, encodes isoform 8. 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>