

## Product datasheet for SC332464

### PEX5 related protein (PEX5L) (NM\_001256753) Human Untagged Clone

#### Product data:

|                      |  |
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| Product Type:        | Expression Plasmids  |
| Product Name:        | PEX5 related protein (PEX5L) (NM_001256753) Human Untagged Clone                           |
| Tag:                 | Tag Free   |
| Symbol:              | PEX5 related protein   |
| Synonyms:            | PEX5R; PEX5RP; PXR2; PXR2B; TRIP8b   |
| Vector:              | pCMV6-Entry (PS100001)   |
| Fully Sequenced ORF: | >SC332464 representing NM_001256753.<br>Blue=Insert sequence Red=Cloning site Green=Tag(s) |

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ATGTACCAGGGACACATGCAGCTGGTGAATGAGCAACAAGAAAGCAGACCCCTCCTGAGTCCCTCCATC
GATGACTTTCTCTGTGAAACCAATCGGAAGCAATAGCAAGGCCAGTAACATCCAATACAGCTGTATTG
ACCACTGGCTTAGATCTCCTCGACCTGAGTGAACCACTCTCAAACCCAAACCAAGCCAAAGAAGTCA
GAGCCCTCATCAAAAACCTCATCCCTCAAGAAAAAGGCCGATGGATCTGACCTCATCAGCACGGATGCT
GAGCAGAGAGGCCAGCCTCTCAGAGTCCCGGAGACTTCATCCTTAGATCTAGACATTCAAACACAACCTG
GAAAAATGGGACGATGTTAAGTTTCATGGAGATCGAAATACCAAGGGACATCCAATGGCAGAGAGAAAA
TCATCCTCATCTAGAAGTGGATCAAAAGAGCTTTATGGTCTCAGAACACAGATCTCAACCAGAAGCTG
AGTGGTGGAAAAAGCGCCCTCAACTCTGAGTCGGCTTCAGAATTGGAATTAGTGGCTCCGACTCAGGCT
CGACTGACCAAAGAACATCGCTGGGGAAGCGCATTACTTTCTAGAAACCACTCCTTAGAAGAAGATTTT
GAAAGGGCAAAGCAGCAGTGGAGTCAGATACAGAGTTTTGGGATAAGATGCAAGCAGAATGGGAAGAA
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GCCCTCCAGAGGTGCTTAGAATTACAGCCCAACCACTTAAAAGCTTTGATGGCCTTGCTGTGAGTTAT
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AAATACCTTGTGAAAAGCAAGAAGGGATCTCCAGGCCTCACCCGGCGGATGTCTAAGTCCCAGTTGAT
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TTTAACGCTGCCTTAAGTGTTCGGCCAGAGGACTATTCATATGGAACCGCCTCGGGGCGACCTTGGCG
AACGGAGACCGCAGCGAGGAAGCCGTGGAGGCCTATACGCGAGCACTGGAGATTCAGCCAGGATTCATC
CGGTCCAGATACAACCTAGGAATAAGCTGCATCAACCTGGGCGCCTACAGAGAAGCGGTGAGCAATTTT
CTACTGCCCTCAGTTTGCAAAGAAAGAGCAGGAATCAGCAGCAAGTTCTCATCTGCAATCTCTGGG
AATATCTGGGCTGCCCTCAGAATTGCGCTCTCTGATGGACCAACCAGAAGCTTCCAGGCGGCTAAT
CTTGGTGAAGCTGGATGTCTCTTAAGAGCTTCAACTGGATCCTTGA

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| Restriction Sites: | SgfI-MluI    |
| ACCN:              | NM_001256753 |



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| <b>Insert Size:</b>           | 1704 bp  |
| <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>                | <u><a href="#">NM_001256753.1</a></u>  |
| <b>RefSeq Size:</b>           | 9028 bp  |
| <b>RefSeq ORF:</b>            | 1704 bp  |
| <b>Locus ID:</b>              | 51555  |
| <b>UniProt ID:</b>            | <u><a href="#">Q8IYB4</a></u>  |
| <b>Cytogenetics:</b>          | 3q26.33  |
| <b>Protein Families:</b>      | Druggable Genome   |
| <b>MW:</b>                    | 63.2 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 (5) encodes isoform 5. 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> |