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Product datasheet for SC332461

PEX5 related protein (PEX5L) (NM_001256750) Human Untagged Clone

Product data:

Product Type: Expression Plasmids

Product Name: PEX5 related protein (PEX5L) (NM_001256750) Human Untagged Clone

Tag: Tag Free

Symbol: PEX5 related protein

Synonyms: PEX5R; PEX5RP; PXR2; PXR2B; TRIP8b

Vector: pCMV6-Entry (PS100001)

Fully Sequenced ORF:

>SC332461 representing NM_001256750.
Blue=Insert sequence Red=Cloning site Green=Tag(s)

ATGTACCAGGGACACATGCAGGTAGTAGGTGTAACCTTGAAGAAAAAGTGGCACTGTCTTCAAAAAAGT
GACCTGACCCTGGCTTTGGGAAAAGGCTCTAGGGCGGCAGATAAGGCTGTTGCCATGGTGATGAAGGAG
ATACCGAGGGAGGAGTCTGCTGAAGAAAAGCCCCTCCTTACTATGACATCACAGCTGGTGAATGAGCAA
CAAGAAAGCAGACCCCTCCTGAGTCCCTCCATCGATGACTTTCTCTGTGAAACCAAATCGGAAGCAATA
GCAAGGCCAGTAACATCCAATACAGCTGTATTGACCACTGGCTTAGATCTCCTCGACCTGAGTGAACCA
GTCTCTCAAACCCAAACCAAAGCCAAGAAGTCAGAGCCCTCATCAAAAACCTCATCCCTCAAGAAAAAG
GCCGATGGATCTGACCTCATCAGCACGGATGCTGAGCAGAGAGGCCAGCCTCTCAGAGTCCCGGAGACT
TCATCCTTAGATCTAGACATTCAAACACAACTGGAAAAATGGGACGATGTTAAGTTTCATGGAGATCGA
AATACCAAGGGACATCCAATGGCAGAGAGAAAATCATCCTCATCTAGAACTGGATCAAAAGAGCTCTTA
TGGTCCTCAGAACACAGATCTCAACCAGAACTGAGTGGTGGAAAAAGCGCCCTCAACTCTGAGTCGGCT
TCAGAATTGGAATTAGTGGCTCCGACTCAGGCTCGACTGACCAAAGAACATCGCTGGGGAAGCGCATTA
CTTTCTAGAAACCACTCCTTAGAAGAAGAGTTTGAAAGGGCAAAAGCAGCAGTGGAGTCAGATACAGAG
TTTTGGGATAAGATGCAAGCAGAATGGGAAGAAATGGCTCGGAGGAACTGGATATCTGAGAACCAAGAA
GCCCAGAACCAAGTAACCATCTCGGCTAGTGAGAAGGGATATTACTTTCACACTGAAAACCCCTTCAAG
GACTGGCCTGGAGCATTTGAAGAAGGCTTAAAAAGGCTGAAGGAAGGGGATCTGCCAGTCACCATCCTG
TTCATGGAAGCAGCAATTCTTCAGGACCCTGGAGATGCAGAGGCATGGCAGTTCCTCGGGATAACCCAG
GCGGAGAATGAAAATGAACAAGCAGCTATTGTCGCCCTCCAGAGGTGCTTAGAATTACAGCCCAACAAC
TTAAAAGCTTTGATGGCCTTGGCTGTGAGTTATACTAACACTGGCCATCAGCAGGATGCCTGTGACGCT
CTGAAGAATTGGATTAAGCAAAATCCAAAGTACAAATACCTTGTGAAAAGCAAGAAGGGATCTCCAGGC
CTCACCCGGCGGATGTCTAAGTCCCCAGTTGATAGCTCTGTTCTGGAAGGGGTGAAGGAATTATATCTG
GAAGCTGCCCACCAAAATGGAGATATGATCGACCCAGACCTGCAGACAGGTCTAGGGGTTCTGTTCCAC
CTGAGTGGAGAATTTAATAGAGCAATAGATGCATTTAACGCTGCCTTAACTGTTCGGCCAGAGGACTAT
TCACTATGGAACCGCCTCGGGGCGACCTTGGCGAACGGAGACCGCAGCGAGGAAGCCGTGGAGGCCTAT
ACGCGAGCACTGGAGATTCAGCCAGGATTCATCCGGTCCAGATACAACCTAGGAATAAGCTGCATCAAC
CTGGGCGCCTACAGAGAAGCGGTCAGCAATTTTCTCACTGCCCTCAGTTTGCAAAGAAAGAGCAGGAAT
CAGCAGCAAGTTCCTCATCCTGCAATCTCTGGGAATATCTGGGCTGCCCTCAGAATTGCGCTCTCTCTG
ATGGACCAACCAGAACTCTTCCAGGCGGCTAATCTTGGTGACCTGGATGTCCTCTTAAGAGCTTTCAAC
TTGGATCCTTGA

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Restriction Sites:	SgfI-MluI
ACCN:	NM_001256750
Insert Size:	1875 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:	NM_001256750.1
RefSeq Size:	9199 bp
RefSeq ORF:	1875 bp
Locus ID:	51555
UniProt ID:	Q8IYB4
Cytogenetics:	3q26.33
Protein Families:	Druggable Genome
MW:	69.4 kDa
Gene Summary:	Accessory subunit of hyperpolarization-activated cyclic nucleotide-gated (HCN) channels, regulating their cell-surface expression and cyclic nucleotide dependence.[UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (2) encodes isoform 2. 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.