

Product datasheet for MC200349

Jpt1 (NM_008258) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Jpt1 (NM_008258) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Jpt1
Synonyms:	Hn1
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)

Fully Sequenced ORF: >BC003758 sequence for NM_008258
 GTTTAGCTTTTGGAGTCGTCTGCGCCTGTTGGTCCCAGTCCCCCTTGGCGTTTTTCAGGGCCAGCCTACCT
 CGCCCCCTTGGCGCCATGACCACTACCACTACCTTTAAGGGTGTGGACCCTAACAGCAGGAACAGCTCCCC
 GGTTTTGCGGCCTCCAGGTGGTGGTCCAATTTTTTCATTAGGCTTTGATGAGCCAGCAGAACAGCCTGTG
 AGGAAGAACAAGATGGCTTCTAACATCTTTGGGACACCGAAGAGAACCCCCATCTTGGGCCAAGTCAG
 CAGGTTCCAAGTCTAGTGGTGGCAGGGAAGATTCGGAGTCGCTGGAACACAGAGAAGTAACTCTTCTGA
 AGCAAGCTCTGGAGATTTCTTAGACCTCAAGGGAGAAGGTGATATGCATGAAAATGTGGACACAGACTTC
 CAAGCCAACCTGGCGCAGATGGAGGAGAAGCCAGTGCCCGCTGCTCCTGTGCCAGCCAGTGGCTCCAG
 CCCCAGTGCCATCCAGGAGAAACCCCCGGCGCAAGTCCAGCCTGGTCTTGGGTTAGCTTCTTGTGTT
 GGAAGTCTGTCTTCTGTCTGTCTGTTTGTGTTCCCATGCTTGGAACTGCACAGCGTGAGCTGACTGTA
 CATCTCTCGGATTGGTTTTCATTAAGGAGAAGCACTTTATGTACCGCTGTCTTCCCTGCTTCTCTCTT
 CCTTTCCTTCTGTCTGTCTGACTCCTGGGTCTGTGCGCCATGGCATGAGTGTTCCTAGTAGTAGACTGG
 AGTAGTAGACTGTTTCTAAGAACAGATGATCTGGTTTCTGATGTGTAGAGACTCTTATGTACCAGGGTTT
 TTGACGATGTCCTTGGCTTCATGTGATGGGACCGACAGCAGCCTCAGGCACTACCCTGCTCCCAGCTCCA
 CAGGGTGGGCACCACTCAGCTTGGCTTGCACCTTGGCCACCATCGGTGCCCTTTGCTAAGTGACCTTCC
 TGTGCCATGTGGAGTGATCAAACAGCTGTACCTCACATCCTGCTGCCTGCAGAGCAGACAAGCTGCCTTC
 TGTACCCTGAAGATGCCATTGGCCACTGTGGCTGGCCAGCTGCGGGCAGAGCCACCCAGCGCAGAGGAT
 GGCTTCAGGTACACAAGCAAGCTCCCTGGAATTGCAAGGTGAAGCACACAGGAAGGCCGTCCTGCCAGA
 GTGGGACTGTGGCGCAGCTCCACAGGGACCTCCTTGACGGAAGAAGTGCCATGTGCATGATGCTGATG
 CCTGACCATGGAGAAAGTCTCACCTTGACACTTGTACTCCTTAGTCCTGGACTGTTGCTTAAAGTAAAC
 AATACCCACCTTTTGAIAAAAAAAAAAAAAA

Restriction Sites:	RsrII-NotI
ACCN:	NM_008258
Insert Size:	465 bp



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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:	<ol style="list-style-type: none">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:	BC003758 , AAH03758
RefSeq Size:	1360 bp
RefSeq ORF:	465 bp
Locus ID:	15374
UniProt ID:	P97825
Cytogenetics:	11 80.84 cM
Gene Summary:	Modulates negatively AKT-mediated GSK3B signaling. Induces CTNNB1 'Ser-33' phosphorylation and degradation through the suppression of the inhibitory 'Ser-9' phosphorylation of GSK3B, which represses the function of the APC:CTNNB1:GSK3B complex and the interaction with CDH1/E-cadherin in adherent junctions (By similarity). Plays a role in the regulation of cell cycle and cell adhesion (PubMed:25450365). Has an inhibitory role on AR-signaling pathway through the induction of receptor proteosomal degradation (By similarity).[UniProtKB/Swiss-Prot Function]