

Product datasheet for **SC113173**

PRTFDC1 (NM_020200) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	PRTFDC1 (NM_020200) Human Untagged Clone
Tag:	Tag Free
Symbol:	PRTFDC1
Synonyms:	HHGP
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL4</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>NCBI ORF sequence for NM_020200, the custom clone sequence may differ by one or more nucleotides

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ATGGCCGGGAGCAGCGAGGAGGCCAGACTACGGGCGAGGCGTCGTGATTATGGATGATTGGCCAGGGT
ATGACTTGAATTTATTCACGTACCCACAGCACTATTATGGAGACTTGGAGTATGCCTCATCCCTCATGG
TATCATTGTGGACAGAATTGAGCGGCTGGCCAAGGATATTATGAAAGACATAGGATATAGTGACATCATG
GTCCTGTGTGCTTAAAGGAGGTTACAAATCTGTGCTGATCTCGTAGAACACCTTAAGAACATCAGCC
GAAATTCAGATCGATTTGTCTCAATGAAGGTTGATTTTCATCAGACTAAAAAGTTACAGGAATGACCAGTC
CATGGGTGAGATGCAGATAATCGGAGGCGATGATCTTTCAACGCTGGCTGAAAGAATGTTCTCATTGTT
GAGGATGTTGTCGGAAGTGGGAGGACCATGAAAGCACTACTCAGCAATATAGAGAAATACAAGCCCAACA
TGATTAAGGTAGCCAGTTTGTGGTGAAGAGAACATCCAGAAGTGACGGCTTTAGACCTGACTATGCTGG
ATTTGAGATTCCAAATTTATTTGTGGTGGGATATGCCTTAGATTACAATGAATACTTCAGAGATCTGAAT
CACATATGCGTCATCAATGAGCACGGTAAAGAAAAATATCGAGTCTAA
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5' Read Nucleotide Sequence:	<p>>OriGene 5' read for NM_020200 unedited</p> <pre> TCACCTTTTGTAAACGACTCACTATAGGGCGGCCGCAAATTCGCACGAGGCGCGTTCC CCGGGAGAAACATGGCCGGGAGCAGCGAGGAGGCCAGACTACGGGCGAGGCGTCGTGA TTATGGATGATTGGCCAGGGTATGACTTGAATTTATTCACGTACCCACAGCACTATTATG GAGACTTGGAGTATGTCTCATCCCTCATGGTATCATTGTGGACAGAATTGAGCGGCTGG CCAAGGATATTATGAAAGACATAGGATATAGTGACATCATGGTCCTGTGTGTCTAAAG GAGGTTACAAATTCGTGTCTGATCTCGTAGAACACCTTAAAGAATCAGCCGAAATTCAG ATCGATTTGTCTCAATGAAGTTGATTTTCATCAGACTAAAAAGTTACAGGAATGACCAGT CCATGGGTGAGATGCAGATAATCGGAGGCGATGATCTTTCAACGCTGGCTGGAAAGAATG TTCTCATTGTTGAGGTAAGCTGGCATTTCCTTTTCCATACTTGGAGGTTGAAAGAATCTA ATGGTGAGTTTTAAACGGTAAACCTTGTATCAAATTGACCAAGGATTTCTTGAGCTCCC ACTGNGTGCATGCTCTCCAAANTAAATGAATAGGGGCCAGATAGCGTCCCTGATTTCAAAT AATGTAGAATAAAAGCTNTGCAACAGTATTTGTGGGCGACTNTATCCTTTTTGTGTATCC AGTTCACATATCTCTGNGTTGATTCTTATACTCTTTGTGAATCAGACACTTTAAAGAA GAGGAAGTACTACTGAACCAATTTCTTTACAGTAAAACCAGTTAGAACTCTGTTTA CCCTGAATTCAGTGTCTTTGCTAAGGACCTCTGATGATTTCAAAATTCCTCAATACNTTC AGCTTCAAATCATAACACATCATTTAAATGACCAGCTATGGGAAAGCTTTGTTTTGTTT TCGTTT </pre>
3' Read Nucleotide Sequence:	<p>>OriGene 3' read for NM_020200 unedited</p> <pre> ACTATGNNACCGCGCCCATNCTAGGATCGAGTTTTTTTTTTTTTTTTTTTTTTTTAAAGT TTCTTATTCTTTATTAGTTTAAAGGAAGCTAGAACCTAATAACAATACGCCACATACGGT TCAGAACCAAACAAAAGCTGCTTAGTTATTTATTTTGCATTTGCATTTTGTAGGAAGTGA GAAAAAACAGCTCTATTGGGACTCAAGTTTATTTCAATTAATAATCCCCATAAATTAGG AAATGTCTTATAAAACGGAGAAATTGGAAAAAATGTTATTTCAGAAAAAACTTTCTTGA GTGTGCTTGTTCCTGTAGCACCTTGGATTTTGTGATCAGTCTTTTAAAGATATTTTTTA AAAAATCAACCTCTGTCTTACATTTAGGACAGGGCATAACAGTGTCTTGTCTTTTCAT GCAAAATAAGAGGAAAAATTTATACTTGCTTAGTTTCGAGCATTGAAAGCACTCGCCCTA ATTCTGCCATTTGCTCATGTCCACATGAATAAAAGGATACAGCTTAGAAACCAGGGCT TGCTGCTATTGTATTTTTTTCTAATTAATTCAGAGTATTAACACAGTTGAGTACATC CATGCATACATGACATACCGTCATCACATACCGGAAGCTCCAATCAAGAGCCCGGAGCAA AGCTCGTTTCATACATCAATTAAGATTCATTGTACACTGCGTTTCAGAAAGGCTTTGTCA AAGCAGATAATAATGGCCTGTGAGANATGCACAAACAGAAATTTAATTAATGTCTTT CCCTCCTTTTAAATATGGGGATCTATAATAGCTGCCTTCCCGGTATAGGGACTCCAGTCC TCAGTTAAAAAAGTCCCGCTTCTTATTTGTAGCTTTTACCAAATAGAGTTTAAAA GTTAGTAAAAATATTTGAGTACTAGTGGGGGATTCTCGGGAATCAATATATGACT GGTCAAACAAGAAG </pre>
Restriction Sites:	NotI-NotI
ACCN:	NM_020200
Insert Size:	3000 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:	<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:	NM_020200.5 , NP_064585.1
RefSeq Size:	1926 bp
RefSeq ORF:	678 bp
Locus ID:	56952
UniProt ID:	Q9NRG1
Cytogenetics:	10p12.1
Domains:	Pribosyltran
Protein Families:	Druggable Genome
Gene Summary:	<p>Has low, barely detectable phosphoribosyltransferase activity (in vitro). Binds GMP, IMP and alpha-D-5-phosphoribosyl 1-pyrophosphate (PRPP). Is not expected to contribute to purine metabolism or GMP salvage.[UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (1) represents the longer transcript and encodes the longer isoform (1).</p>