

Product datasheet for **SC213408**

DPYD (NM_000110) Human 3' UTR Clone

Product data:

Product Type: 3' UTR Clones
Product Name: DPYD (NM_000110) Human 3' UTR Clone
Vector: pMirTarget (PS100062)
Symbol: DPYD
Synonyms: DHP; DHPDHASE; DPD
ACCN: NM_000110
Insert Size: 1263 bp
Insert Sequence: >SC213408 3'UTR clone of NM_000110

The sequence shown below is from the reference sequence of NM_000110. The complete sequence of this clone may contain minor differences, such as SNPs.

Blue=Stop Codon Red=Cloning site

```
GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
GTACCCCTATCTGTGAATCCGGTGTGTAAAGGTGATTTGTGAAACAGTTGCTGTGAACCTTTCATGTCAC
CTACATATGCTGATCTTTTAAAATCATGATCCTTGTTGTCAGCTCTTTCCAAATTAACAATATACA
TTTTCTAAATAAAAATATGTAATTTCAAATACATTTGTAAAGTGTAAAAATGTCTCATGTCAATGACC
ATTCAATTAGTGGTCATAAAATAGAATAAATCTTTTCTGAGGATAGTAGTTAAATAACTGTGTGGCAGT
TAATTGGATGTTCACTGCCAGTTGTCTTATGTGAAAAATTAACCTTTTTGTGGCAATTAGTGTGACAGT
TTCCAAATTGCCCTATGCTGTGCTCCATATTTGATTTCTAATTGTAAGTGAATTAAGCATTTTGAAAC
AAAGTACTCTTTAACATAACAAGAAAATGTATCCAAGGAAACATTTTATCATTAATAAATTACCTTTAATT
TTAATGCTGTTTCTAAGAAAATGTAGTTAGCTCCATAAAGTACAAATGAAGAAAGTCAAAAAATTTT
GCTATGGCAGGATAAGAAAGCCTAAAATGAGTTTGTAGAACTTTATTAAGTAAAATCCCCTTCGCTGA
AATTGCTTATTTTGGTGTGGATAGAGGATAGGGAGAATATTTACTAACTAAATACCATTCACTACTC
ATGCGTGAGATGGGTGTACAAACTCATCTCTTTAATGGCATTCTCTTTAAACTATGTTCTTAACAA
AATGAGATGATAGGATAGATCCTGGTTACCACTCTTTGCTGTGCACATACGGGCTCTGACTGGTTTTA
ATAGTCACCTTATGATTATAGCAACTAATGTTTGAACAAAGCTCAAAGTATGCAATGCTTCATTATTC
AAGAATGAAAAATATAATGTTGATAATATATTAAGTGTGCCAAATCAGTTTGACTACTCTGTGTTTT
AGTGTGTTATGTTAAAAGAAATATATTTTTGTTATTATTAGATAATATTTTTGTATTTCTATTTTTC
ATAATCAGTAAATAGTGCATATAAACTCATTTATCTCCTTTCATGGCATCTTCAATATGAATCTATA
AGTAGTAAATCAGAAAAGTAAACAATCTATGGCTTATTTCTATGACAAATCAAGAGCTAGAAAAATAAA
TGTTTCATTATGCACTTTTAGAAAATGCATTTTGCCACAAAACCTGTATTACTGAATAATATCAAATAA
AATATCATAAAGCATTTTTAAA
ACGCGTAAAGCGCCGCGCATCTAGATTGAAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCCTTCTATGAAAGG
```

Restriction Sites: SgfI-MluI



[View online >](#)

OTI Disclaimer:	Our molecular clone sequence data has been matched to the sequence identifier above as a point of reference. Note that the complete sequence of this clone is largely the same as the reference sequence but may contain minor differences , e.g., single nucleotide polymorphisms (SNPs).
Components:	The cDNA clone is shipped in a 2-D bar-coded Matrix tube as 10 ug dried plasmid DNA. The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials.
RefSeq:	<u>NM_000110.4</u>
Summary:	The protein encoded by this gene is a pyrimidine catabolic enzyme and the initial and rate-limiting factor in the pathway of uracil and thymidine catabolism. Mutations in this gene result in dihydropyrimidine dehydrogenase deficiency, an error in pyrimidine metabolism associated with thymine-uraciluria and an increased risk of toxicity in cancer patients receiving 5-fluorouracil chemotherapy. Two transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, May 2009]
Locus ID:	1806
MW:	48.8