

## Product datasheet for **SC202553**

### HPD (NM\_002150) Human 3' UTR Clone

#### Product data:

Product Type:	3' UTR Clones
Product Name:	HPD (NM_002150) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	HPD
Synonyms:	4-HPPD; 4HPPD; GLOD3; HPPDASE; PPD
ACCN:	NM_002150
Insert Size:	231 bp
Insert Sequence:	>SC202553 3'UTR clone of NM_002150 The sequence shown below is from the reference sequence of NM_002150. The complete sequence of this clone may contain minor differences, such as SNPs. <b>Blue</b> =Stop Codon <b>Red</b> =Cloning site  GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC GAGACCAATGGGGTGGTGCCCGGCATGTAAAGCCCCGCCACCCACGGAGGCCACAGCCACACAGCCAC GCCCCCTGATTCTGGAAGTCCGCAACTCCCTACTGGCTGCTCCCTTGGGTCCCGCCACCAGCGGA CTCGGCCCCCAAGGCTCCGCCACACTGACCACGCCCTCGGCGGGGCCGCCCTGCTCCAGCCCTCC CGATTAAAGCGTGCCCCGGTCCAA <b>ACGCGT</b> AAGCGGCCGCGGCATCTAGATTGGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA CGAGATTCGATTCCACCGCCCTTCTATGAAAGG
Restriction Sites:	SgfI-MluI
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><a href="#">NM_002150.3</a></u>



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**Summary:** The protein encoded by this gene is an enzyme in the catabolic pathway of tyrosine. The encoded protein catalyzes the conversion of 4-hydroxyphenylpyruvate to homogentisate. Defects in this gene are a cause of tyrosinemia type 3 (TYRO3) and hawkinsinuria (HAWK). Two transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Jan 2010]

**Locus ID:** 3242

**MW:** 8.3