

## Product datasheet for **SC216485**

### Prostaglandin dehydrogenase 1 (HPGD) (NM\_000860) Human 3' UTR Clone

#### Product data:

Product Type:	3' UTR Clones
Product Name:	Prostaglandin dehydrogenase 1 (HPGD) (NM_000860) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	HPGD
Synonyms:	15-PGDH; PGDH; PGDH1; PHOAR1; SDR36C1
ACCN:	NM_000860
Insert Size:	1811 bp



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**Insert Sequence:** >SC216485 3'UTR clone of NM\_000860  
 The sequence shown below is from the reference sequence of NM\_000860. The complete sequence of this clone may contain minor differences, such as SNPs.  
 Blue=Stop Codon Red=Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
ACAACCTCATTTC AAGCAAAAACCCAA TGAACAGCTTATGTGTTAGCCATAGCTGAAAAAAGCACAAA
TAGCTTATATTCAGATCCTATCTTCATTTGAATATAGCTTTTAAATGAAATGTTACAGTTTGAAGTTTT
CCTTCATGCACCTGGTGATAAACGTTTTCTAAATTTTTAGTTAAGTATATGGATAAAAAAGTTATGAACT
ATTA AAAATGTGATGTGGACCAAAGGCTAGGTTGTAATCTTGATAGTCTAAAAATGATCAAAAACAAT
GATTTTCAAGGAATATTC AATATTTCTGCCTTTCAGAAAGTGATTTATATCTGTGCTTCATAAATATTA
ATGTTCTTCAGAACATCATTTTAAAGGAGATACTTGAATTGTTATTTAAATCAAACCAGATGTA AAAACA
CTCACATACAAGTTCATACTTTAAAGAGGAAAGCTACTTAACAATGACAAATATTTCAATAATAAT
TTTTACTTATATACCATCTTCAACTGAACATTT CAGTTCTTCCAAGAGCTTCTTAGAGTAGTATATTT
TGGGGGCAAGTCAAGGAATAAACTACAGTGTAACATATCCAGATGAAAACCTGCTGTATGAAAAATGA
CAGAAAGTAACTGATTGACACTGTTGATTCACAGTTCAGCCTCCTATCTGGGAAAGACATTTCTTTCTCCT
CTGCTCACTTTAAGAACTTTTACCGACTCCAAAAATCTCAGGAATTAACTTTTAAACAGTTACAGCAAT
AAAGAATAGTTAGTACTCCAAAAATATTATATTTAAGATGCTCAACAAGAAAAAATGCAAAATGTAATA
TTTTTTTCAAATTA CTCTTTTATTGACTGTCCAAATTTCAAAGTGCCTACCCTTCAATAAACTTTT
TTATTCTGATCTCCATAAATTACTTAGTCTTCTATGTATAGCTATCAAGGAAATAAAACCAATTTTGCC
ACAGCCACAACGTAAATGTTTTGTACCCATGCTGAAACTCATAACAACACAGACATAAAAAATAGCTG
TGAGGTTTTGCTTTTTTTGTTGTCAGCTATCTTAAGAATCATTAAATACACCTGCTTTGGGTA AAATC
TTTGCAAGCAGTAATTAACACTAGTAACAGTGAAAGCACAAAGATTTCCAATCAGTCGTTTTTCTCAAAA
AAATATCGTATAAGTGACTCATCCTGTCTGCTAACTCCAGACCTCCAGCTTGAAGCCAAATCTTTCCA
TGTGAGATTGATATGGATTTCTAGAAGTACTGGAATGTTGTCATATCTTGCCCTATTTAATTCTGCT
ATAGAAAAACAATTGCCTTCACTTTTAAGGAGTAATTTGAATATTAATAACTCTGGTCTAGATTTTCATA
TAATGTATTAAGACAAAGTAGTGAACATCAATGAACATCTGATAGAGATAAACTGTAATCAGGCATAA
GCTTGTGTGATGTTCTGGCAGTGACTAATCAGTAAATGATGTCGGTTTGCCAGTATCACTTATCTTC
TGTATTTTCTCTGCTGTGAAATAGTATAACCTTTTCATTTATGGACAATTTTTTGGACTAGTAGCC
TTCAATATACATTCTGCTTTGAATTAATTTTTTCAAATCAATAAATTATGTAGACATTTAAATCAAAAT
ATCAAGTAGAATTGAAAAATGTGAGTTACATAAGTTAAAAACTTACTTTAAATCTTACCTTCTATAGGT
AGCTCTAAATAAATTCATATGGTTATATGGCATCTCTGGTGTATACTGATTGAGAAAAATAATTA AACTG
AAGTTAGGGGAGGGGGA
ACGCGT AAGCGGCCGCGGCATCTAGATTCGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
  
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**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:** [NM\\_000860.6](#)

**Summary:** This gene encodes a member of the short-chain nonmetalloenzyme alcohol dehydrogenase protein family. The encoded enzyme is responsible for the metabolism of prostaglandins, which function in a variety of physiologic and cellular processes such as inflammation. Mutations in this gene result in primary autosomal recessive hypertrophic osteoarthropathy and cranioosteoarthropathy. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Mar 2009]

**Locus ID:** 3248

**MW:** 70.5