

Product datasheet for **SC327761**

HDHD1A (PUDP) (NM_012080) Human Untagged Clone

Product data:

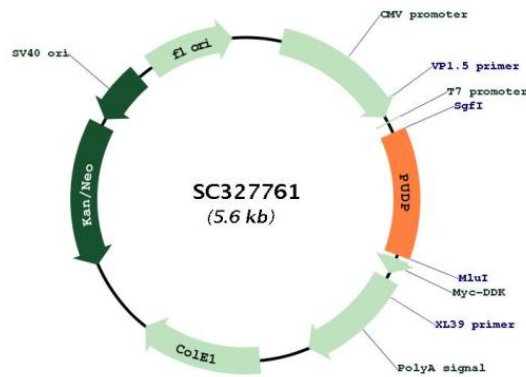
| | |
|---------------------------|---|
| Product Type: | Expression Plasmids |
| Product Name: | HDHD1A (PUDP) (NM_012080) Human Untagged Clone |
| Tag: | Tag Free |
| Symbol: | PUDP |
| Synonyms: | DXF6851E; FAM16AX; GS1; HDHD1; HDHD1A |
| Mammalian Cell Selection: | Neomycin |
| Vector: | pCMV6-Entry (PS100001) |
| E. coli Selection: | Kanamycin (25 ug/mL) |
| Fully Sequenced ORF: | >SC327761 representing NM_012080. Blue=Insert sequence Red=Cloning site Green=Tag(s) |

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GCTCGTTTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
ATGGCGGCGCCCCGAGCCCGTCAACCCACCTCATCTTTGACATGGACGGACTTCTTCTGGATACTGAA
CGGCTGTATTTCAGTGGTGTTCAGAAATATGTAATCGCTATGACAAGAAATACAGCTGGGATGTAAG
TCCCTGGTTATGGGTAAGAAGGCATTAGAGCGGCACAGATTATAATAGACGTCTGCAGCTCCCGATG
TCCAAAGAGGAGCTGGTGAAGAAAGCCAAACGAAGTTAAAGGAAGTGTCCCCACGGCTGCGCTCATG
CCAGGGGCGGAGAACTCATCATCCACCTGCGGAAACATGGCATCCCCTTGCAGTGGCCACCAGCTCG
GGGTCCGCGTCGTTTCGATATGAAGACAAGCCGCAAGGAGTCTTCAGCTTGTTCACATTTG
CTGGGAGATGACCCCAAGTGCAGCATGGCAAGCCAGACCCGGACATCTTCTAGCTTGTGCAAGAGG
TTCTCTCCCCCTCCTGCTATGGAGAAGTGCCTTGTCTTTGAAGATGCTCCCAATGGGGTGGAGGCGGCC
CTGGCAGCTGGGATGCAGGTGGTCATGGTTCCTGACGAAACTTGAGCCGAGATCTGACAACAAAGGCC
ACCCTGGTGTGAATTCCTGCAGGACTTCCAGCCGAGCTGTTTGGTTTGCCCTCCTATGAGTGA
ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC
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Restriction Sites: SgfI-MluI



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Plasmid Map:


ACCN: NM_012080

Insert Size: 687 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).

OTI Annotation: This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.

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:

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_012080.4](#)

RefSeq Size: 2155 bp

RefSeq ORF: 687 bp

Locus ID: 8226

UniProt ID: [Q08623](#)

Cytogenetics: Xp22.31

MW: 25.2 kDa

Gene Summary: This gene encodes a member of the haloacid dehalogenase-like (HAD) hydrolase superfamily. The encoded protein has no known biological function. This gene has a pseudogene on chromosome 1. Multiple alternatively spliced transcript variants encoding different isoforms have been identified. [provided by RefSeq, Jul 2010]
Transcript Variant: This variant (2) lacks an alternate in-frame exon compared to variant 1. The resulting isoform (b) has the same N- and C-termini but is shorter compared to isoform a.