

## Product datasheet for **AR50439PU-N**

### DHOdehase (31-395, His-tag) Human Protein

#### Product data:

<b>Product Type:</b>	Recombinant Proteins
<b>Description:</b>	DHOdehase (31-395, His-tag) human recombinant protein, 50 µg
<b>Species:</b>	Human
<b>Expression Host:</b>	E. coli
<b>Expression cDNA Clone or AA Sequence:</b>	MGSSHHHHHH SSGLVPRGSH MGSMTGDER FYAEHLMPTL QGLLDPEAH RLA VRFTSLG LLPRARFQDS DMLEVRVLGH KFRNPVGIAA GFDKHGEAVD GLYKMGFGFV EIGSVTPKPQ EGNPRPRVFR LPEDQAVINR YGFNSHGLSV VEHLRRLRQQ KQAKLTEDGL PLGVNLGKKN TSVDAEAEDYA EGVRVLGPLA DYLVNVVSSP NTAGLRSLQG KAELRRLLTK VLQERDGLRR VHRPAVLVKI APDLTSQDKE DIASVVKELG IDGLIVTNTT VSRPAGLQGA LRSETGGLSG KPLRDLSTQT IREMYALTQG RVPIIGVGGV SSGQDALEKI RAGASLVQLY TALTFWGGPV VGKVKRELEA LLKEQGFGGV TDAIGADHRR
<b>Tag:</b>	His-tag
<b>Predicted MW:</b>	42.3 kDa
<b>Concentration:</b>	lot specific
<b>Purity:</b>	>90% by SDS - PAGE
<b>Buffer:</b>	Presentation State: Purified State: Liquid purified protein Buffer System: 20 mM Tris-HCl buffer (pH 8.0) containing 20% glycerol, 0.1M NaCl, 1 mM DTT
<b>Preparation:</b>	Liquid purified protein
<b>Protein Description:</b>	Recombinant human DHODH protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography.
<b>Storage:</b>	Store undiluted at 2-8°C for one week or (in aliquots) at -20°C to -80°C for longer. Avoid repeated freezing and thawing.
<b>Stability:</b>	Shelf life: one year from despatch.
<b>RefSeq:</b>	<a href="#">NP_001352</a>
<b>Locus ID:</b>	1723
<b>UniProt ID:</b>	<a href="#">Q02127</a>
<b>Cytogenetics:</b>	16q22.2



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**Synonyms:** DHodehase; POADS; URA1

**Summary:** The protein encoded by this gene catalyzes the fourth enzymatic step, the ubiquinone-mediated oxidation of dihydroorotate to orotate, in de novo pyrimidine biosynthesis. This protein is a mitochondrial protein located on the outer surface of the inner mitochondrial membrane. [provided by RefSeq, Jul 2008]

**Protein Families:** Druggable Genome, Transmembrane

**Protein Pathways:** Metabolic pathways, Pyrimidine metabolism

**Product images:**

