

Recombinant Full Length Human PUDP Protein, GST-tagged

Cat. No. PUDP-3442HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human HDHD1A full-length ORF (NP_036212.2, 1 a.a. - 214 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	214 amino acids
Description	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]
Molecular Mass	50.1 kDa
AA Sequence	MDGLLLDTERLYSVVFQEICNRYDKKYSWDVKSLVMGKKALEAAQIIIDVLQLPMSKE ELVEESQTKLKEVFPTAALMPGAEKLIHLRKHGIPFALATSSGSASFDMKTSRHKEF FSLFSHIVLGDDPEVQHKGKPDPIFLACAKRFSPPPAMEKCLVFEDAPNGVEAALAA GMQVVMVPDGNLSRDLTTKATLVNLQDFQPELFGGLPSYE
Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production Protein Array

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Notes	Best use within three months from the date of receipt of this protein.
Storage	Store at -8 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
GENE INFORMATION	
Gene Name	PUDP pseudouridine 5'-phosphatase [Homo sapiens (human)]
Official Symbol	PUDP
Synonyms	PUDP; pseudouridine 5'-phosphatase; GS1; HDHD1; HDHD1A; FAM16AX; DXF68S1E; pseudouridine-5'-phosphatase; 5'-PsiMPase; family with sequence similarity 16, member A, X-linked; haloacid dehalogenase-like hydrolase domain containing 1; haloacid dehalogenase-like hydrolase domain containing 1A; haloacid dehalogenase-like hydrolase domain-containing protein 1; haloacid dehalogenase-like hydrolase domain-containing protein 1A; pseudouridine-5'-monophosphatase; EC 3.1.3.96
Gene ID	8226
mRNA Refseq	NM_001135565
Protein Refseq	NP_001129037
MIM	306480
UniProt ID	Q08623