Recombinant Human PUDP Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. PUDP-1564H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	HDHD1A MS Standard C13 and N15-labeled recombinant protein (NP_036212) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
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.
Molecular Mass	23.8 kDa
AA Sequence	MDGLLLDTERLYSVVFQEICNRYDKKYSWDVKSLVMGKKALEAAQIIIDVLQLPMSKE ELVEESQTKLKEVFPTAALMPGAEKLIIHLRKHGIPFALATSSRSASFDMKTSRHKEF FSLFSHIVLGDDPEVQHGKPDPDIFLACAKRFSPPPAMEKCLVFEDAPNGVEAALAA GMQVVMVPDGNLSRDLTTKATLVLNSLQDFQPELFGLPSYETRTRPLEQKLISEEDL AANDILDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.

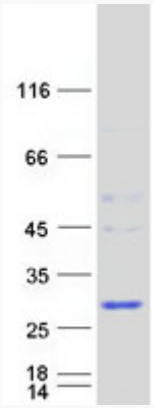
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Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration	50 μg/mL as determined by BCA
Storage Buffer	100 mM glycine, 25 mM Tris-HCl, pH 7.3.

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_012080
Protein Refseq	NP_036212
MIM	306480
UniProt ID	Q08623

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SDS-PAGE	

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