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Nucleotide

GenBank

Human deoxyuridine triphosphate nucleotidohydrolase precursor mRNA, nuclear gene encoding mitochondrial protein, complete cds

GenBank: U90223.1

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LOCUS	HSU90223	960 bp	mRNA	linear	PRI 03-JAN-1998
DEFINITION	Human deoxyuridine triphosphate nucleotidohydrolase precursor mRNA, nuclear gene encoding mitochondrial protein, complete cds.				
ACCESSION	U90223				
VERSION	U90223.1				
KEYWORDS	.				
SOURCE	Homo sapiens (human)				
ORGANISM	Homo sapiens Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Euarchontoglires; Primates; Haplorrhini; Catarrhini; Hominidae; Homo.				
REFERENCE	1 (bases 1 to 960)				
AUTHORS	Ladner, R. D. and Caradonna, S. J.				
TITLE	The Human dUTPase Gene Encodes Both Nuclear and Mitochondrial Isoforms: Differential Expression of the Isoforms and Characterization of a cDNA Encoding the Mitochondrial Species				
JOURNAL	Unpublished				
REFERENCE	2 (bases 1 to 960)				
AUTHORS	Ladner, R. D. and Caradonna, S. J.				
TITLE	Direct Submission				
JOURNAL	Submitted (19-FEB-1997) Dept. of Molecular Biology, Univ. of Med. and Dent. of NJ-School of Osteopathic Medicine, 2 Medical Center Drive, Stratford, NJ 08084, USA				
FEATURES	Location/Qualifiers				
source	1..960 /organism="Homo sapiens" /mol_type="mRNA" /db_xref="taxon:9606"				
CDS	63..821 /note="mitochondrial dUTPase isoform; DUT-M" /codon_start=1 /product="deoxyuridine triphosphate nucleotidohydrolase precursor" /protein_id="AAB94642.1" /translation="MTPLCPRPALCYHFLTSLRSAMQNARGTAEGRSRGTLRARPARPPAAQHGIPRPLSSAGRLSQCGRGASTVGAAGWKGLPKAGGSPAPGPETPAISPSK RARPAEVGGMLRFARLSEHATPTRGSARAAGYDLYSAYDYTIPPMEKAVVKTDIQI ALPSGCYGRVAPRSGLAAKHFIDVGAGVIDEDYRGNVGVLFNFGKEKFEVKKGDRIA QLICERIFYPEIEEVQALDDTERGSGGFGSTGKN"				
sig_peptide	63..269 /note="mitochondrial targeting presequence"				
mat_peptide	270..818 /product="deoxyuridine triphosphate nucleotidohydrolase"				
ORIGIN	1 ggtggaagcc tggcgcacgt cgggaggtgc cgaggaccca accagcccaa actctggggg 61 aaatgactcc cctctgccct cgccccgcgc tctgtacca tttccttacg tctctgcttc 121 gctcagcgat gcaaaacgcg cgaggcacgg cagagggccg aagccgcggt actctccggg 181 ccaggcccgc cctctggccg cggcgggcgc agcacgggat tccccggccg ctgtccagcg 241 ctggccgcct gagccaaggc tgccgcggag ccagtacagt cggggccgct ggctggaagg 301 gcgagcttcc taagcggggg ggaagcccg cgccggggcc ggagacacc gccatttcac 361 ccagtaagcg ggcgggcct gcgaggttgg cggcatgca gctccgctt gcccgctct 421 ccgagcacgc cagggcccc acccggggct ccgcgcgcgc cgcgggctac gacctgtaca 481 gtgcctatga ttacacaata ccacctatgg agaaagctgt tgtgaaaac gacattcaga 541 tagcgctccc ttctgggtgt tatggaagag tggctccacg gtcaggcttg gctgcaaaac 601 actttattga ttaggagct ggtgtcatag atgaagatta tagaggaaat gttggtgttg 661 tactgtttaa ttttggaac gaaaagttag aagtcaaaa aggtgatcga attgcacagc 721 tcatttgcga acggattttt tatccagaaa tagaagaagt tcaagccttg gatgacaccg 781 aaaggggttc aggaggtttt ggttccactg gaaagaatta aaatttatgc caagaacaga 841 aaacaagaag tcataccttt ttcttaaaaa aaaaaaagt ttttgcttca agtgttttgg				

901 tgttttgac ttctgtaaac ttactagctt taccttctaa aagtactgca ttttttactt

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