ASNSD1 cDNA Clone – Asparagine Synthetase Domain Containing 1 (Human)

PRODUCT OVERVIEW

Product Name	ASNSD1, cDNA Clone
Full Product Name	ASNSD1 cDNA Clone
Product Gene Name	ASNSD1 cdna clone
Sequence	atgtgtggca tttgttgttc tgtaaacttt tctgctgagc atttcagtca agatttaaaa gaggacttac tatataatct taaacagcgg ggacccaata gtagtaaaca attgttaaag tctgatgtta actaccagtg tttattttct gctcacgtcc tacacttgag gggtgttttg actacccagc ctgtggaaga tgaaagaggc aatgtgtttc tatggaatgg agaaattttt agtggaataa aggttgaagc tgaagagaat gacactcaaa ttttgtttaa ttatctttcc tcctgtaaga atgaatctga gattttgtca ctcttctcag aagtacaagg tccctggtca tttatatatt atcaagcatc tagtcattat ttatggtttg gtagggattt ttttggtcgc cgtagcttgc tttggcattt tagtaatttg ggcaagagtt tctgcctctc ttcagttggc acccaaacat ctggattggc aaatcagtgg caagaagttc cagcatctgg acttttcaga attgatctta agtctactgt catttccaga tgcattattt tacaactgta tccttggaaa tatatttcta gggagaatat tattgaagaa aatgttaata gcctgagtca aatttcagca gacttaccag catttgtatc agtggtagca aatgaagcca aactgtatct tgaaaaacct gttgttcctt taaatatgat gttgccacaa gctgcactgg agactcattg cagtaatatt tccaatgtgc cacctacaag agagatactt caagtctttc ttactgatgt acacatgaag gaagtaattc agcagttcat tgatgtcctg agtgtagcag tcaagaaacg tgtcttgtgt ttacctaggg atgaaaacct gacagcaaat gaagttttga aaacgtgtga taggaaagca aatgttgcaa tcctgttttc tgggggcatt gattccatgg ttattgcaac ccttgctgac cgtcatattc ctttagatga accaattgat cttcttaatg tagctttcat agctgaagaa aagaccatgc caactacctt taacagagaa gggaataaac agaaaaataa atgtgaaata ccttcagaag aattctctaa agatgttgct gctgctgctg ctgacagtcc taataaacat gtcagtgtac cagatcgaat cacaggaagg gcgggactaa aggaactaca agctgttagc ccttcccgaa tttggaattt tgttgaaatt aatgtttcta tggaagaact gcagaaatta agaagaactc gaatatgtca cttaattcgg ccattggata cagttttgga tgatagcatt ggctgtgcag tctggtttgc ttctagagga attggttggt tagtggccca ggaaggagtg aaatcctatc agagcaatgc aaaggtagtt ctcactggaa ttggtgcaga tgagcaactt gcaggttatt ctcgtcatcg tgtccgcttt cagtcgcatg ggctggaagg attgaataag gaaataatga tggaactggg tcgaatttct tctagaaatc ttggtcgtga tgacagagtt attggtgatc atggaaaaga agcaagattt cctttcctgg atgaaaatgt tgtctccttt ctaaattctc tgccgatttg ggaaaaagca aacttgactt taccccgagg aattggtgaa aaattacttt tacgccttgc agctgtggaa cttggtctta cagcctctgc tcttctgccc aaacgggcca tgcagtttgg atcaagaatt gcaaaaatgg aaaaaattaa tgaaaaggca tctgataaat gtggacggct ccaaatcatg tccttagaaa atctttctat tgaaaaggag actaaattgt aa
Molecular Weight	72,080 Da
Vector	pENTR223.1 or pUC
Clone Sequence Report	Provided with product shipment
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for ASNSD1 cdna clone	MBS1270912 is a cDNA clone targeting ASNSD1.
Other Notes	Small volumes of ASNSD1 cdna clone vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for ASNSD1. It may not necessarily be applicable to this product.

NCBI GI #	12654800
NCBI GeneID	54529
NCBI Accession #	BC001243
UniProt Secondary Accession #	Q3LIC3; Q4ZG45; D3DPH6
UniProt Related Accession #	Q9NWL6
NCBI Official Full Name	Homo sapiens asparagine synthetase domain containing 1, mRNA

NCBI Official Synonym Full Names	asparagine synthetase domain containing 1
NCBI Official Symbol	ASNSD1
NCBI Official Synonym Symbols	NS3TP1; NBLA00058
UniProt Protein Name	Asparagine synthetase domain-containing protein 1
UniProt Synonym Protein Names	HCV NS3-transactivated protein 1
Protein Family	Asparagine synthetase domain-containing protein
UniProt Gene Name	ASNSD1
UniProt Synonym Gene Names	NS3TP1
UniProt Entry Name	ASND1_HUMAN
NCBI Protein Information	asparagine synthetase domain-containing protein 1
UniProt Comments for ASNSD1	ASNSD1: Chromosomal Location of Human Ortholog: 2p24.3-q21.3 Cellular Component: cytosol Molecular Function: asparagine synthase (glutamine-hydrolyzing) activity; protein homodimerization activity Biological Process: asparagine biosynthetic process; glutamine metabolic process
Research Articles on ASNSD1	**1.** Normal human HL-7702 hepatocytes can efficiently express specific HCV NS3 protein in vitro.
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