

Product datasheet for **SC214222**

GNPDA1 (NM_005471) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	GNPDA1 (NM_005471) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	GNPDA1
Synonyms:	GNP1; GNPDA; GNPI; GPI; HLN
ACCN:	NM_005471
Insert Size:	1388 bp



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Insert Sequence: >SC214222 3'UTR clone of NM_005471
The sequence shown below is from the reference sequence of NM_005471. The complete sequence of this clone may contain minor differences, such as SNPs.
Blue=Stop Codon Red=Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
CAATCTTCGAAGAAACCATACAGCGATTAGCCTGTGCTGGGACCTAGTGTCAAGTACCCATAGGAAAG
GCAGGTCTTTCTGAAATTGTCTTTAGAAGAAAGAATTGTATTTCTTTAATCTAGTATGGTACTCCAG
ATAAGTGGGTGAACTTATTGTTCTTGGCCATGAGGCTGGGAGCCTAGTCACGGAGTTTAGCTATAGGGA
GAATGTTTGTAACTTAATCAGAAAAAATATCTGCAAAATGACTCCATCATTTTGATGTCTGCCAAA
CCCAGTTGGGAGTTTTAACTTTTTGTTCTGCTTACGCCATGGTTCACACATATGACACACTCCCGTC
AGGAATTTCTCTCCTTACACGCACTGATTTTCAAGTGGGAGGGAATTAGGGGCTTATGTATATTGGATA
CCACCTCTTTGAAGAGTCTTGAGAGTCTTCTTGCACAGGCCTGCCCTTGGTTGAGAACCATTGTTC
AAGTGAAGGCACAACTCTCAATATCTAAAATAAGTGCAAGGAAGCAGTCTCTTTGGTCAGTAACAAGT
GCAATGGAAGAAACGATCCCTTCCCTTCTCCACTTTTACAGCTTTTCTCTGAAGTAGGAGAACCCTGG
GGTGGATTTGGGTGGGTGGGGCCAAAGAGGAGGCTTCTATTGATAAATCCAGAGCCTCAAGGGGCCA
GCCACGTCAAACCTCTCTCCCTCAGGGACTCTCCAGCACCAAAAGGCAGAAAGGTGGAAGCCGTTTTTCC
CCCAGAGCCCTGTGTTTTGTGAAAGCCTCACTGTGGCTCCTCTGTTTTACATACTATTAGTAAGTGG
GAGGTCCACTGGGGCAACAGACTGCCACAATTTAGTGTGTGTTTACGCCAAGGGGACGGTCTGGGC
AGGCAGCTTAAGTGTGAGTTTAGTCACAACTCCTGAGTGTCCCGCTCTCCTGCTTACCTAGGAGGTGAG
TGCCAGGAAAATACACCAAATGCTTCTAGTATTGTTTCCCACTTAAAATAGTCTGCTTAAATTCACA
TGGTGTGGTCTGATGTTCTGAGAGCATCAGGAAATACAACCCTTTGCCATTTACCCTTCTCCCGGA
TCCAAGGTGGTCTGTTGCTCTGGCTTCCCTTTTCAATTGTCTTAGGCCTTCATGGAGTGGATGCTGCCTCC
TCTGGCTGTTTTGTGCTGTTTGAAGCTACTGCTGCCTCCATTCTGGGAAAGACCTTTGAGAGCCT
AGCCCAGGCCTAAGGGCTATGTTTGGTACCAGTGTGTTTGTCTTTAGCTTTTCTATGTGATTGTGCCGTC
ATTCTGTTTTAAGCTCATGGATCAATGGATTTGTTTACAATGTGATATTTTCTATTAATCCAGTATTT
TCAAATAA
ACGCGTAAGCGGCCGCGCATCTAGATTCGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTCGATTCACC GCCCTTCTATGAAAGG
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Restriction Sites: Sgfl-MluI

OTI Disclaimer: Our molecular clone sequence data has been matched to the sequence identifier above as a point of reference. Note that the complete sequence of this clone is largely the same as the reference sequence but may contain minor differences, e.g., single nucleotide polymorphisms (SNPs).

Components: The cDNA clone is shipped in a 2-D bar-coded Matrix tube as 10 ug dried plasmid DNA. The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials.

RefSeq: [NM_005471.5](#)

Summary: Glucosamine-6-phosphate deaminase (EC 3.5.99.6) is an allosteric enzyme that catalyzes the reversible conversion of D-glucosamine-6-phosphate into D-fructose-6-phosphate and ammonium (Arreola et al., 2003 [PubMed 12965206]).[supplied by OMIM, Jan 2010]

Locus ID: 10007

MW: 51.4