

Product datasheet for **SC211322**

GNPDA2 (NM_138335) Human 3' UTR Clone

Product data:

Product Type: 3' UTR Clones
Product Name: GNPDA2 (NM_138335) Human 3' UTR Clone
Vector: pMirTarget (PS100062)
Symbol: GNPDA2
Synonyms: GNP2; SB52
ACCN: NM_138335
Insert Size: 957 bp
Insert Sequence: >SC211322 3' UTR clone of NM_138335
The sequence shown below is from the reference sequence of NM_138335. The complete sequence of this clone may contain minor differences, such as SNPs. **Red**=Cloning site
Blue=Stop Codon

CAATTGGCAGAGCTCAGAATTCAAGCGATCGC

GATCCACTATTTCAGTATGAAAGATGAAACTGAAGGAGACTGGAGCAAAATTCAGCTTGAATGAACAGAG
CACTTTTTACTAAGTAGTAGATGAATTTTCAGCTATGCAATATGACAAAACATGGGGAATTTGAAGATT
GTCATTTTTTCATTTCGAGTCTCTATGTTAAACATTCCATATTTTGAATTTTATATCTTGTACTTGGGTT
TAAGAGAAGTAGCTGGCTCTCAAGATTGACTGGCTATTTATTATAAAGTACTGAAGTCACATAGCCACCT
ATAAAACAGCATAGAAATGTCTGCCTGTTTAAAAAGTCATTTTAAAGGTAGAGTGTCCACATCAGGCACC
ATTTGTGATATGACTCCAGTGGCATATATTTCAATTTTTAATGACAAGACTCCAAACCTTTCAGATAA
CAAATATCATTGCAGACCTTCACTTTTGGAAATGCAATCTTTATATTTTCTGTGCATCACACACATGCTT
TTCTGCACGTGGTTGCCTTAGTCATCTCCTACAGCACCATCTAGACATCAAAAATTGTGCTATATATCA
TTGGTAAAGGAAATTTGAAGAGATGACAGTGCCTAAAAGTACAGTTTACATCCTTTTGGAAAGTATGTGT
AAGTGCATGTTTTTGTGCACCTTCTTCTATAGCACTTTTTTACAATATCTTATTTTTATTTAACGACT
TGGGTTTCATGTCCCTAATATAAGTATCTTGACAATTATGAGCTTTATACCTAGCAAGCCACTTCAGGAAA
TTCTTTTGGAGAATATTTTCTGATTATTGTTAACTTAATATACAATTAGCTTTTCTTATAAAATGT
CTAAAAGAATAATACGAAGTATATATAAAAGGAATTACTGTAAACTACATTGCCATAGCAATTTACATAA
AAGTATATTGTTTTCTATCTTTAACTCAAATAAAGCGTGAATAAAT

ACGCGTAAGCGGCCGCGGCATCTAGATTCAAGAAAATGACCG

Restriction Sites: Sgfl-Mlul



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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:	<u>NM_138335.1</u>
Summary:	The protein encoded by this gene is an allosteric enzyme that catalyzes the reversible reaction converting D-glucosamine-6-phosphate into D-fructose-6-phosphate and ammonium. Variations of this gene have been reported to be associated with influencing body mass index and susceptibility to obesity. A pseudogene of this gene is located on chromosome 9. Alternative splicing results in multiple transcript variants that encode different protein isoforms. [provided by RefSeq, Aug 2012]
Locus ID:	132789