

Product datasheet for **SC206479**

Inosine triphosphate pyrophosphatase (ITPA) (NM_181493) Human 3' UTR Clone

Product data:

Product Type: 3' UTR Clones
Product Name: Inosine triphosphate pyrophosphatase (ITPA) (NM_181493) Human 3' UTR Clone
Vector: pMirTarget (PS100062)
Symbol: ITPA
Synonyms: C20orf37; DEE35; dj79416.3; HLC14-06-P; ITPase; My049; NTPase
ACCN: NM_181493
Insert Size: 428 bp
Insert Sequence: >SC206479 3'UTR clone of NM_181493
The sequence shown below is from the reference sequence of NM_181493. 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
CAGGAGTACTTTGGCAGTTTGGCAGCTTGACTTCTGCAGCTGGAGGAGGCCCTCAGGCCGGGATCTG
GGGAGGGCTAGCCAAAACCTCCCGCATCGGGCAGGCACCCCTGAAGTACTTCTCAGGGTTTCCCC
TTTGTGAGGGTGTGCGAGTAGCCTCACCGCCTGTCTGGAGGAGCAGCTGGCTCTGCTCTGAGAACTCT
GGCAAGTGGACGCCATTCTTTGCCCTTAGGATCACTGCTCTCTCTACAGCCGCCAGGCTGGGGTC
CTGAAAGGACCTTGGGTGTAAGCTGTACTTGGTGGGAGTGAGGGCGTGGGAGGAACCATGCAAATC
GCCTTCCATGGTTTTAAATGCAGTAAATAACATTTCTGGATGAGACTTGTTCAAAATAAACAGCT
ATATCTGTTTTGAA
ACGCGTAAGCGGCCGCGCATCTAGATTCAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCCTTCTATGAAAGG
```

Restriction Sites: SgfI-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_181493.4](#)



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Summary: This gene encodes an inosine triphosphate pyrophosphohydrolase. The encoded protein hydrolyzes inosine triphosphate and deoxyinosine triphosphate to the monophosphate nucleotide and diphosphate. This protein, which is a member of the HAM1 NTPase protein family, is found in the cytoplasm and acts as a homodimer. Defects in the encoded protein can result in inosine triphosphate pyrophosphorylase deficiency which causes an accumulation of ITP in red blood cells. Alternate splicing results in multiple transcript variants. [provided by RefSeq, Jun 2012]

Locus ID: 3704

MW: 15.2