

Product datasheet for **SC205275**

TAP1 (NM_000593) Human 3' UTR Clone

Product data:

Product Type: 3' UTR Clones
Product Name: TAP1 (NM_000593) Human 3' UTR Clone
Vector: pMirTarget (PS100062)
Symbol: TAP1
Synonyms: ABC17; ABCB2; APT1; D6S114E; PSF-1; PSF1; RING4; TAP1*0102N; TAP1N
ACCN: NM_000593
Insert Size: 400 bp
Insert Sequence: >SC205275 3'UTR clone of NM_000593

The sequence shown below is from the reference sequence of NM_000593. 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
GTGCAGGTCCTGCAGATGCTCCAGAATGAAAGCCTTCTCAGACCTGCGCACTCCATCTCCCTCCCTTT
TCTTCTCTGTGGTGGAGAACCACAGCTGCAGAGTAGGCAGCTGCCTCCAGGATGAGTTACTTGAAAT
TTGCCTTGAGTGTGTACCTCCTTTCCAAGCTCCTCGTGATAATGCAGACTTCTGGAGTACAAACACA
GGATTTGTAATTCCTTACTGTAACGGAGTTAGAGCCAGGGCTGATGCTTTGGTGTGGCCAGCACTCTG
AAACTGAGAAATGTTCAGAATGTACGAAAGATGATCAGCTATTTTCAACATAACTGAAGGCATATGCT
GGCCATAAACACCCTGTAGGTTCTTGATATTTATAATAAAATTGGTGTGTTTGTGTA
ACGCGTAAGCGGCCGCGGCATCTAGATTCAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
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_000593.6](#)



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Summary:

The membrane-associated protein encoded by this gene is a member of the superfamily of ATP-binding cassette (ABC) transporters. ABC proteins transport various molecules across extra- and intra-cellular membranes. ABC genes are divided into seven distinct subfamilies (ABC1, MDR/TAP, MRP, ALD, OABP, GCN20, White). This protein is a member of the MDR/TAP subfamily. Members of the MDR/TAP subfamily are involved in multidrug resistance. The protein encoded by this gene is involved in the pumping of degraded cytosolic peptides across the endoplasmic reticulum into the membrane-bound compartment where class I molecules assemble. Mutations in this gene may be associated with ankylosing spondylitis, insulin-dependent diabetes mellitus, and celiac disease. Two transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, May 2014]

Locus ID:

6890

MW:

14.6