OriGene Technologies, Inc.
9620 Medical Center Drive, Ste 200
Rockville, MD 20850, US
Phone: +1-888-267-4436
https://www.origene.com
techsupport@origene.com
EU: info-de@origene.com
CN: techsupport@origene.cn

Product datasheet for SC206148

TAP2 (NM_018833) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	TAP2 (NM_018833) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	TAP2
Synonyms:	ABC18; ABCB3; APT2; D6S217E; PSF-2; PSF2; RING11
ACCN:	NM_018833
Insert Size:	488 bp
Insert Sequence:	>SC206148 3'UTR clone of NM_018833 The sequence shown below is from the reference sequence of NM_018833. The complete sequence of this clone may contain minor differences, such as SNPs. Blue=Stop Codon Red=Cloning site GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAGGCCAAGAAGGGCGGAAAGATCGCCGTG TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC AAAACCCTTTGGAAGTTCATGATATTTTGAATTTCAATGGATATTTCCTGGGAATAATGAGTTCAAATG AACGAATATGTGGAACAAAGCATCACCAACATTTATTTTTTCAGGATGAGGTGATGGACAAAACCATCA CAGGGAAATTGAGGCAAATAGTACATGTAAAACAATACTTCGGGTGAGTCCACCTATCCCAAAGTCGTA TCAAAGAAGTGGCTGCAGATTGGAGCCCAAAGCCTTTGGTTCCTCAGTTTCCAAATGGATTCTCACTAG GTGGGATCATGAGTTTGCTTTGGACACCCCAAATTCTAACTATTTCTTTTGTTTCTTACATCCTTTCCC TCTTCCCCAGCCCCTTCCCCTCATGTTACACCTCTTGCTGGTTTGAGACGTCAATCACCACTGAGAAAG AATTAAACCAGTATTTTGAGCTGGCAAAATTCTTAGCCTAGTACAATTCCTTCAATTAAACTGTAGCTC AACAA ACGCGTAAGCGGCCGCGGCATCTAGATTCGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA CGAGATTTCGATTCCACCGCCGCCTTCTATGAAAGG
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_018833.3

View online »

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. This gene is located 7 kb telomeric to gene family member ABCB2. The protein encoded by this gene is involved in antigen presentation. This protein forms a heterodimer with ABCB2 in order to transport peptides from the cytoplasm to the endoplasmic reticulum. Mutations in this gene may be associated with ankylosing spondylitis, insulin-dependent diabetes mellitus, and celiac disease. Alternative splicing of this gene produces products which differ in peptide selectivity and level of restoration of surface expression of MHC class I molecules. [provided by RefSeq, Feb 2014]

Locus ID: 6891

MW: 18.7