

## Product datasheet for **SC213118**

### ITM2C (NM\_030926) Human 3' UTR Clone

#### Product data:

**Product Type:** 3' UTR Clones  
**Product Name:** ITM2C (NM\_030926) Human 3' UTR Clone  
**Vector:** pMirTarget (PS100062)  
**Symbol:** ITM2C  
**Synonyms:** BRI3; BRICD2C; E25; E25C; ITM3  
**ACCN:** NM\_030926  
**Insert Size:** 1179 bp  
**Insert Sequence:** >SC213118 3'UTR clone of NM\_030926  
 The sequence shown below is from the reference sequence of NM\_030926. 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
GTGGAGACGCTCATCTCGGGGTGGTGTAGGCCCTCCTCCCCCAGAACCCCTGCCGTGTTCTCTTT
TCTTCTTTCCGGTGTCTCTGGCCCTCCTCTCCCCCTGCTTAGCTTGTACTTTGGACGCGTTTCTA
TAGAGGTGACATGTCTCTCCATTCTCTCAACCCTGCCACCTCCCTGTACCAGAGCTGTGATCTCTC
GGTGGGGGGCCATCTCTGCTGACCTGGGTGTGGCGGAGGGAGAGGCGATGCTGCAAAGTGTCTTGT
GTCCACTGTCTTGAAGCTGGGCTGCCAAAGCCTGGGCCACAGCTGCACCGGCAGCCCAAGGGGAAG
GACCGGTTGGGGAGCCGGGCATGTGAGGCCCTGGGCAAGGGGATGGGGCTGTGGGGGGGGGGCGGCAT
GGGCTTCAGAAGTATCTGCACAATTAGAAAAGTCTCAGAAGCTTTTTCTTGGAGGTACACTTTCTTC
ACTGTCCCTATTCTAGACCTGGGGCTTGAAGTGGGATGGGACGATGTGCCAGGGAGGGACCCACCA
GAGCACAAGAGAAGGTGGCTACCTGGGGGTGCCAGGGACTCTGTCAAGTGCCTTCCAGCCACCAGCAG
GAGCTTGGAGTTTGGGGAGTGGGGATGAGTCCGTCAAGCACAACGTTCTCTGAGTGGAACCAAAGAAG
CAAGGAGCTAGGACCCCAAGTCCCTGCCCCAGGAGCACAAGCAGGGTCCCCTCAGTCAAGGCAGTGGG
ATGGGCGGCTGAGGAACGGGGCAGGCAAGGTCACTGCTCAGTCCACGTTCCAGGGGACGAGCCGTGGGT
TCTGCTGAGTAGGTGGAGCTCATTGCTTTCTCCAAGCTTGAAGTGTGTTTGAAGATAACACAGAGGGA
AAGGGAGAGCCACCTGGTACTTGTCCACCTGCCTCCTCTGTTTCTGAAATTCATCCCCCTCAGCTTAG
GGGAATGCACCTTTTCCCTTCTCTCACTTTTGCATGTTTTACTGATCATTTCGATATGCTAACCG
TTCTCAGCCCTGAGCCTTGGAGAGGAGGGCTGTAACGCCCTCAGTCAAGTCTCTGGGGATGAAACTCTTA
AATGCTTTGTATATTTTCTCAATTAGATCTTTTTCAGAAGTGTCTATAGAACAATAAAAATCTTTTAC
TTCTGA
AGCGGACCGACTTACGCGTAAGCGGCCGCGGCATCTAGATTGAAGAAAATGACCGACCAAGCGACGCC
CAACCTGCCATCACGAGATTTTCGATTCCACCGCCG
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**Restriction Sites:** SgfI-RsrII



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<b>OTI Disclaimer:</b>	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).
<b>Components:</b>	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.
<b>RefSeq:</b>	<a href="#">NM_030926.6</a>
<b>Summary:</b>	Negative regulator of amyloid-beta peptide production. May inhibit the processing of APP by blocking its access to alpha- and beta-secretase. Binding to the beta-secretase-cleaved APP C-terminal fragment is negligible, suggesting that ITM2C is a poor gamma-secretase cleavage inhibitor. May play a role in TNF-induced cell death and neuronal differentiation (By similarity).[UniProtKB/Swiss-Prot Function]
<b>Locus ID:</b>	81618
<b>MW:</b>	41.3