

Product datasheet for SC213117

ITM2C (NM_001012514) Human 3' UTR Clone

Product data:

Product Type: 3' UTR Clones
Product Name: ITM2C (NM_001012514) Human 3' UTR Clone
Symbol: ITM2C
Synonyms: BRI3; BRICD2C; E25; E25C; ITM3
Mammalian Cell Selection: Neomycin
Vector: pMirTarget (PS100062)
ACCN: NM_001012514

Insert Size: 1179 bp

Insert Sequence: >SC213117 3'UTR clone of NM_001012514
The sequence shown below is from the reference sequence of NM_001012514. 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
GTGGAGACGCTCATCTGCGGGGTGGTGTAGAGGCCCTCCTCCCCAGAACCCCTGCCGTGTTCTCTTT
TCTTCTTCCGGCTGCTCTGCGCCCTCCTCTCCCCCTGCTTAGCTTGTACTTTGGACCGGTTTCTA
TAGAGGTGACATGTCTCCATTCTCTCAACCCTGCCACCTCCCTGTACCAGAGCTGTGATCTCTC
GGTGGGGGGCCCATCTCTGCTGACCTGGGTGTGGCGGAGGAGGCGATGCTGCAAAGTGTCTTCTGT
GTCCCACTGTCTTGAAGCTGGGCCTGCCAAAGCCTGGGCCACAGCTGCACCGGCAGCCCAAGGGGAAG
GACCGGTTGGGGGAGCCGGGCATGTGAGCCCTGGGCAAGGGGATGGGGCTGTGGGGCGGGGCGGCAT
GGGCTTCAGAAGTATCTGCACAATTAGAAAAGTCTCAGAAGCTTTTTCTTGGAGGGTACTTTTCTTC
ACTGTCCCTATTCTAGACCTGGGGCTTGGAGTGGGACGATGTGCCAGGGAGGGACCCACCA
GAGCACAAGAGAAGGTGGCTACCTGGGGGTGCCAGGGACTCTGTCAAGTGCCTTCCAGCCACCAGCAG
GAGCTTGGAGTTTGGGGAGTGGGGATGAGTCCGTCAAGCACAAGTGTCTCTGAGTGAACCAAAGAAG
CAAGGAGCTAGGACCCCAAGTCTGCCCCCAGGAGCACAAGCAGGGTCCCCTCAGTCAAGGCAGTGGG
ATGGGCGGCTGAGGAACGGGGCAGGCAAGTCACTGCTCAGTCCACGGGGGACGAGCCGTGGGT
TCTGCTGAGTAGGTGGAGCTCATTGCTTTCTCCAAGCTTGAAGTGTGGGAAAGATAACACAGAGGGA
AAGGGAGAGCCACCTGGTACTTGTCCACCTGCCTCCTCTGTTCTGAAATTCCATCCCCCTCAGCTTAG
GGGAATGCACCTTTTCCCTTCTCTCACTTTTGCATGTTTTTACTGATCATTGATATGCTAACCG
TTCTCAGCCCTGAGCCTTGGAGAGGAGGGCTGTAACGCCCTCAGTCAAGTCTCTGGGGATGAAACTTTA
AATGCTTTGTATATTTTCAATTAGATCTTTTTCAGAAGTGTCTATAGAACAATAAAAATCTTTTAC
TTCTGA
AGCGGACCGACTTACGCGTAAGCGGCCGCGGCATCTAGATTGAAGAAAATGACCGACCAAGCGACGCC
CAACCTGCCATCAGAGATTTCCGATTCCACCGCCGC
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Restriction Sites:	Sgfl-RsrII
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_001012514.3
Summary:	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]
Locus ID:	81618
MW:	41.3