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Product datasheet for SC205853

Protor 1 (PRR5) (NM_001017529) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	Protor 1 (PRR5) (NM_001017529) Human 3' UTR Clone
Symbol:	Protor 1
Synonyms:	FLJ20185k; PP610; PROTOR-1; PROTOR1
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_001017529
Insert Size:	464 bp
Insert Sequence:	>SC205853 3'UTR clone of NM_001017529 The sequence shown below is from the reference sequence of NM_001017529. The complete sequence of this clone may contain minor differences, such as SNPs. Blue=Stop Codon Red=Cloning site GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAGGCCAAGAAGGGCGGAAAGATCGCCGTG TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC GGCTCTGGGGGCCGGCAGAGTGTCGTGTGAGGCCTCACAGCTGGCCTTGAGTTTTTACTGACACGTCCC TGTGTGCGGGGGTGTCCATGTGGCGTGTGTGTGAGTGAGACTTTTTTACTGCGTCCCGTCCCGCCAGCC CTATCGGCCTCGTCACTGGCCTTGGTCACTTTGTATTTCTGTCTTGGTTGGAAATACCATCAGCCTTCC TTGCTCGGCCCAGGTCTGTTTCAGGCATCTGAGTCGGCGTTTACCCAGGGGCCGGGCCAGAGACGGGGG TCGGCCGCTCGCTCCCACGCTCCTCCTGCCCCAGCCCTCTGGTGTCCACACCTGCCCACAGAGAATGTA AACCCAGTGGGCTCTGCCCACGCCGGGCCCCAAAGTGACCAGACTCCAGCACACCTGTCTCCTCCTGCC TGGGGTGGCCATGGGGATGGAAGGGGGTGGAATAAAACCTGTCAACCTGG 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.

View online »

RefSeq: NM_001017529.3

Summary: This gene encodes a protein with a proline-rich domain. This gene is located in a region of chromosome 22 reported to contain a tumor suppressor gene that may be involved in breast and colorectal tumorigenesis. The protein is a component of the mammalian target of rapamycin complex 2 (mTORC2), and it regulates platelet-derived growth factor (PDGF) receptor beta expression and PDGF signaling to Akt and S6K1. Alternative splicing and the use of alternative promoters results in transcripts encoding different isoforms. Read-through transcripts from this gene into the downstream Rho GTPase activating protein 8 (ARHGAP8) gene also exist, which led to the original description of PRR5 and ARHGAP8 being a single gene. [provided by RefSeq, Nov 2010]

Locus ID: 55615

MW: 16