

Product datasheet for **SC214930**

PRUNE (PRUNE1) (NM_021222) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	PRUNE (PRUNE1) (NM_021222) Human 3' UTR Clone
Symbol:	PRUNE
Synonyms:	DRES-17; DRES17; H-PRUNE; HTCD37; NMIHBA; PRUNE
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_021222
Insert Size:	1509 bp



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Insert Sequence: >SC214930 3'UTR clone of NM_021222
The sequence shown below is from the reference sequence of NM_021222. 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
TCTACCACAGCCTCCCTGTCCAAGAAGTACTGTTGAGAGGCGAGGAGGTAGTGGGTGAGGCTACCTGA
CTCACTTCAAATGCATGTTTTGAGATGTTTGGAGATTCAGCAATTCTGTCTTCATTGCTCCAGGATCTG
GTATACTGTTCTCATAAACTGAGAGGAGAAAAAAGTAAAGAAAGCAGCTGCTTAAAGAAATGGTTTT
CCACCTTTTCCCCTAATCTCTACCAATCAGACACATTTTATTATTTAAATCTGCACCTCTCTATTTT
TATTTGCCAGGGCAGATGTGACATATCTGCAGTCCCAGCACAGTGGGACAAAAAGAATTTAGACCCC
AAAAGTGTCTCGGCATGGATCTTGAACAGAACCAGTATCTGTCATGGAAGTGAACATTCATCGATGGT
CTCCATGTATTCTTTTCACTTGTTCATTCAAGTATTTATTGAATACCTGCCTCAAGCTAGAGAGAA
AAGAGAGTGCCTTTGGAAATTTATTCCAGTTTTTCAGCCTACAGCAGATTATCAGCTCGGTGACTTTTC
TTTCTGCCACCATTTAGGTGATGGTGTGGATTAGAGATGGCTGAATTTCTATTCTTAGCTTATTGTG
ACTGTTTCAGATCTAGTTTGGGAACAGATTAGAGGCCATTGTCTTCTGTCTGATCAGGTGGCCTGGCT
GTTTCTTTGGATCCCTCTGTCCCAGAGCCACCCAGAACCCTGACTCTTGAGAATCAAGAAAAACCCAG
AAAGGCCCTTAATGACCTCATAGGCACTCTTCCAAAAAGACAACAGAAGTGAATGAGAGGGCTGGGTCT
GTCTCCTGCCTTAGCAGGCCTATCAATTTCTTGTCATCTTTTTTTTCTTGCTCACATTAAGGAA
GCATGGAGTTCTAATGCTCCATAAACTATGATTTTTGGCAAGACACTTCACTACTCCAGGTCTCACTT
TCCCCATCTGTAACAGGGTTTGGACTAGGTGTTCCCTGGTATTCTGTGATCTGCCTCTGTGCTGCCAT
TCTTTCTCTCTGCTTCTCTGATTTTTCTTCTGTTATCCCTGGGGTGTGCTCAGGTTCACTTGATTG
TCTGTATTTCTGTGGTTGTAGCAAGGACTCAGCCTCATGTAGCACGAATAGGGGTGTGGTTCATGGC
GTGTTGACCCAGCAGAGCACTCCCTCCCACTAACTTGTCTGCATGTGTAGAGTCTCCCCATTTTTTTT
AACGCAACCCTTTCCCCTTTTTCTACCCACAGCTCTGTTCCATGTAAGTTGCCAACAGTTTCACTGA
ACAGTGGGGTATGTGATGGTTTTGGCATGACATCTTCAAGTATGAGGGGGACAGTTTGACTTCACTTTGA
GGGTGTGATGTCTGTAGCTATGTGGAAGGTAAGTGGTGTGATCATGAACCAAGGAATTTATGT
TTTGAACCTGGGTACTTTATTTTGCATTTTGTATACTATTAATAATTTTTTCTGTT
ACGCGTAAAGCGCCGCGCATCTAGATTGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTTGATTCACCGCCGCTTCTATGAAAGG
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Restriction Sites: Sgfl-Mlul

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 µg dried plasmid DNA. The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials.

RefSeq: [NM_021222.3](#)

Summary: This gene encodes a member of the DHH protein superfamily of phosphoesterases. This protein has been found to function as both a nucleotide phosphodiesterase and an exopolyphosphatase. This protein is believed to stimulate cancer progression and metastases through the induction of cell motility. A pseudogene has been identified on chromosome 13. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Dec 2014]

Locus ID: 58497

MW: 56.6