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Product datasheet for SC205276

DUSP28 (NM_001033575) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Symbol:	DUSP28
Synonyms:	DUSP26; VHP
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_001033575
Insert Size:	423 bp
Insert Sequence:	>SC205276 3'UTR clone of NM_001033575 The sequence shown below is from the reference sequence of NM_001033575. The complete sequence of this clone may contain minor differences, such as SNPs. Blue=Stop Codon Red=Cloning site GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAGGCCAAGAAGGGCGGAAAGATCGCCGTG TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC CCAGCCTTAGGGTTGGGCCCTGAGGCTTGAAGCTTGAAGGCCTGCTGCCTGGAGGAAGGATGTCCCTGC ACTGATACAGAAGCTGTTTCTGGCAAAGCCTGCCGTGTCTTACATTTGTCTCTCTATCCGGATTAGATG TTGCTATATGAACACATCGGGACTGTGTCTGCAGGAAGGAGCTCCCCATTCGAGGCCTTCACAGTGTCA CCCACATTCACCTCTTTCCACTTAAACGTGTCCCATGAATCTTGTCATAACAGTTTTGTGTTCCTTAAC TATTTTGTCTGCCATGTCATTTATGATGTATATAACCTCTTTAATGCCTGAAATCATAAGAATAATCAT CAAAGGCAAGAGGGTTGTATATTTTCCCGTTGGAGACACATCTGGAATTTGCTGCAATAAAATAATAAT AAGAAAGCA 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.

Note: Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.

RefSeq: NM_001033575.1

Summary: Has phosphatase activity with the synthetic substrate 6,8-difluoro-4-methylumbelliferyl phosphate (in vitro) (PubMed:24531476, PubMed:29121083). Has almost no detectable activity with phosphotyrosine, even less activity with phosphothreonine and displays complete lack of activity with phosphoserine (PubMed:29121083). The poor activity with phosphotyrosine may be due to steric hindrance by bulky amino acid sidechains that obstruct access to the active site (PubMed:29121083).[UniProtKB/Swiss-Prot Function]

Locus ID: 285193

MW: 16