

## DUSP26 cDNA

Catalog Number: ATGD0348

### PRODUCT INFORMATION

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**Catalog number**

ATGD0348

**Product type**

cDNA

**Species**

Human

**NCBI Accession No.**

NP\_076930.1

**Alternative Names**

DSP-4, DUSP24, LDP-4, MKP-8, MKP8, NATA1, NEAP, SKRP3

**mRNA Refseq**

NM\_024025.2

**OMIM****Chromosome location**

8p12

### PRODUCT SPECIFICATION

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**Formulation**

Lyophilized

**Storage**

Store the plasmid at -20C.

**cDNA Size**

636bp

**Preparation before usage**

1. Centrifuge at 7000rpm for 1 minute.
2. Carefully open the vial and add 100ul of sterile water to dissolve the DNA. Each tube contains approximately 10ug of lyophilized plasmid.

**Vector description**

This shuttle vector contains the complete ORF. It is inseted BamH I to Hind III. The gene insert contains multiple cloning sites which can be used to easily cut and transfer the gene and recombination site into your expression vector.

**Cloning Vector**

pATGen (puc19-derived cloning vector)

**General Description**

DUSP26 encodes a member of the tyrosine phosphatase family of proteins and exhibits dual specificity by

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dephosphorylating tyrosine as well as serine and threonine residues. This gene has been described as both a tumor suppressor and an oncogene depending on the cellular context. Alternative splicing results in multiple transcript variants.

### DATA

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#### Sequence nucleotides

```
ATGTGCCCTGGTAACTGGCTTTGGGCTTCTATGACTTTTATGGCCCGCTTCTCCCGGAGTAGCTCAAGGTCTCCTGTTTCGAA
CTCGAGGGACCCTGGAGGAGATGCCAACCGTTCAACATCCTTTCCTCAATGTCTTCGAGTTGGAGCGGCTCCTCTACACAG
GCAAGACAGCCTGTAACCATGCCGACGAGGTCTGGCCAGGCCTCTATCTCGGAGACCAGGACATGGCTAACAACCGCCGG
GAGCTTCGCCGCCTGGGCATCACGCACGTCCTCAATGCCTCACACAGCCGGTGGCGAGGCACGCCCGAGGCCTATGAGGG
GCTGGGCATCCGCTACCTGGGTGTTGAGGCCACGACTCGCCAGCCTTTGACATGAGCATCCACTTCCAGACGGCTGCCGA
CTTCATCCACCGGGCGCTGAGCCAGCCAGGAGGGAAGATCCTGGTGCATTGTGCTGTGGGCGTGAGCCGATCCGCCACCC
TGGTACTGGCCTACCTCATGCTGTACCACCACCTTACCCTCGTGGAGGCCATCAAGAAAGTCAAAGACCACCGAGGCATCAT
CCCCAACCGGGGCTTCTGAGGCAGCTCCTGGCCCTGGACCGCAGGCTGCGGCAGGGTCTGGAAGCATGA
```

#### Transaction Sequence

```
MCPGNWLWAS MTFMARFSRS SSRSPVRTRG TLEEMPTVQH PFLNVFELER LLYTGKTACN HADEVWPGLY
LGDQDMANNR RELRRLGITH VLNASHSRWR GTPEAYEGLG IRYLGVEAHD SPAFDMSIHF QTAADFIHRA LSQPGGKILV
HCAVGVSRSA TLVLAYLMLY HHLTLVEAIK KVKDHRGIIP NRGFLRQLLA LDRRLRQGLE A
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