

Product datasheet for **SC205434**

Dynamitin (DCTN2) (NM_006400) Human 3' UTR Clone

Product data:

Product Type: 3' UTR Clones
Product Name: Dynamitin (DCTN2) (NM_006400) Human 3' UTR Clone
Vector: pMirTarget (PS100062)
Symbol: DCTN2
Synonyms: DCTN50; DYNAMITIN; HEL-S-77; RBP50
ACCN: NM_006400
Insert Size: 668 bp
Insert Sequence: >SC205434 3'UTR clone of NM_006400
The sequence shown below is from the reference sequence of NM_006400. 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
GATGAACGGATGAAGAAGCTGGGAAAGTGAACACATTTGGGAGCTGGAGAACAGGGGTTATCCCTACCC
CTGTGAACCTGTTAACAGCTTACATAGGGTTTCCCCTTTACTATAACTCTAGCATCCCCATCCCATT
GACACTGGGGGCAAGGGTTCTTCTTGCATGTGGGGTTTATACCCCTCCCCTGATGAATACAGAGTGGTA
GCTAGGGGTTGGTTATCATCAGAAGGTGGTCTCCCTCAGGCCTGGGGGATAAGGACGTGGGCCAGCC
ACATGCCAACTCATGTCCAATACTGCTTTGCCTGGTGTGGGAAGGATTGGGTCTGTCCCCAACACA
GCTTCTGTGGCTGACTGTAATACTGTACAACCTGTTTCTGACCATTAATGCTGTTGTAAGTCTGTGTGGC
CTCTGCTGTGTTTCTGGGGAGGAAGCAGCACTAGGATATAGATATTCATTTCGTCATAACAGGCAATCT
AAGCCACTCTATACTACAAGAGATGGATTTAAATTGTAACCTGTTCTTACCAAAGAACTAAATAAAAA
TGAGTACAGAGCCAGAGCCAGAGTTTCAAATATTCTCATCTGTTAAATTAAGAGTGTCTCCCATAGAA
AAGCAGTGGAGGCCACAGGGCAAGTACAAAACAGAATTAAGAACTC
ACGCGTAAGCGGCCGCGCATCTAGATTGAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA
CGAGATTTTCGATTCCACCGCCGCTTCTATGAAAGG
```

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_006400.5](#)

Summary: This gene encodes a 50-kD subunit of dynactin, a macromolecular complex consisting of 10-11 subunits ranging in size from 22 to 150 kD. Dynactin binds to both microtubules and cytoplasmic dynein. It is involved in a diverse array of cellular functions, including ER-to-Golgi transport, the centripetal movement of lysosomes and endosomes, spindle formation, chromosome movement, nuclear positioning, and axonogenesis. This subunit is present in 4-5 copies per dynactin molecule. It contains three short alpha-helical coiled-coil domains that may mediate association with self or other dynactin subunits. It may interact directly with the largest subunit (p150) of dynactin and may affix p150 in place. Multiple alternatively spliced transcript variants encoding distinct isoforms have been found for this gene. [provided by RefSeq, May 2012]

Locus ID: 10540

MW: 24.3