

Product datasheet for **SC203076**

DCTN3 (NM_007234) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	DCTN3 (NM_007234) Human 3' UTR Clone
Symbol:	DCTN3
Synonyms:	DCTN-22; DCTN22
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_007234
Insert Size:	266 bp
Insert Sequence:	>SC203076 3'UTR clone of NM_007234 The sequence shown below is from the reference sequence of NM_007234. The complete sequence of this clone may contain minor differences, such as SNPs. Blue =Stop Codon Red =Cloning site GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG TAACAATTGGCAGAGCTCAGAATTCAA GCGATCGCC GCCACGCAAGTGAAGCCAGCAGAGGAG TGA TAGCTGCTCCCCATCCCAAAGTGGGCCTGGGCAGTCAGG CTCCAGGGCCCTATGCCAACCTGCCTTTGTTACAAGGCAGAGGAAGCTTTGTATTATTGGCTTCAAGG CCCACCTCTGTACTCTGGGCTCTAAAGTTGGAGGTCAGGTTACCTGAGGTTTGCAATTTGCAACACC CACCTCCCCCAATCAGTGTTCTTATTTCAAGTACAATAAACCATAGAGATGACTGGA ACGCGT AAGCGGCCGCGCATCTAGATTGAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
Restriction Sites:	Sgfl-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.
RefSeq:	<u>NM_007234.5</u>



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Summary:

This gene encodes the smallest subunit of dynactin, a macromolecular complex consisting of 10 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, cytokinesis, chromosome movement, nuclear positioning, and axonogenesis. This subunit, like most other dynactin subunits, exists only as a part of the dynactin complex. It is primarily an alpha-helical protein with very little coiled coil, and binds directly to the largest subunit (p150) of dynactin. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Jul 2013]

Locus ID:

11258

MW:

10