

Product datasheet for **MC204670**

Dynlt3 (NM_025975) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Tag:	Tag Free
Symbol:	Dynlt3
Synonyms:	2310075M16Rik; AU042796; Tctell
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >BC030032
 CAGAAAGCCACCATGGAGGGGTACCAACGGCCCTGCGATGAGGTTGGCTTCAATGCTGATGAAGCCCAT
 ATATAGTCAAAGAGTGTGTTGATGGAGTTTTGGGTGGTAACGATTATAATGAGAATAACATCAACCAATG
 GACTGCAAGCATAGTGGAAACAGTCTATAACACATTTGGTCAAAGTGGGAAAGCTTACAAGTACATTGTG
 ACCTGTGCAGTGGTCCAGAGGAGCCGATGGATTTACACAGCCAGCTCCTGTTTTGGGATACAACAT
 CTGATGGAACCTGTACCATCAGATGGGAGAACCGTACCATGAAGTGCATCGTGAATGTTTTGTCAGTTGC
 GATTGTCCTGTAGCCTGTAATGCACATAAAAAATGTGTTGGGTTAAGGCCATTAACTTAAGTTGTGAGTG
 TATCCTTTCTAAAAAGAGTTACAACACTTATTAAATGTGCTAGATGACAAGTGTGCAATATGCTTCAAAG
 CTATCAACAGAGAACTGAATATTGTAAGCAGAAGTCTAATAGGAAGTTGGCAGAATTATCTCGTATTCTA
 TACAGCATCATTTAAGGATATAAAATGTTAGTTAACAATTAATGCAGAAATATGGCTGACCTAAACTTAG
 AATCTTCTACTTATACAAGCCTTTCACTGGCATTATGTTCCCCAGAGATGGGAAATCTATTTAGATAC
 TAACATTATCATTAACTAGAAAAACACAACAGGGAGAAATATATGAACAAAACTACAAGGAGAAATGCAG
 AGAAAAATGACATGAAGTACCTAATACCTTTCTGGTTTAAAGTTTTATTCTTTGTTGAATTGCATATAGTA
 GTTCATAGAGAGTAATTTGACACACATACACCCGCCCATCTAACTAGTTTTCTTTCTGAGAACTGGC
 AAATCCATTGATTTTTTTTTTTGTTGTTTAAATGCCAGTTTCTTACATTTACACTTGAGGTGGAATTA
 TATGATCGACACAGATTTCTGGGTGAACAAAATAGTAAAGTATATGATCAACAGTATATGACTCAGACA
 ACTGCCTTACAATCCATTGCTTCCATGAGAGATGGGCAGGTACCTATCGGATGTGTGCTCTGCATGTTTC
 TCTCCAGGCAGACAGCTCTTAACGTGGTGTTCACGTGGCATTACATGGCGTTACCTGGCAGGTGGTT
 TTGGCAGTTATTGAGTTGGAAAAACAGTGTATGTTTGGGGAGAAATAAAGAAAGAAAGGAAAGAG
 TCTGGTCCTCCGTGGAATAATTAACAGAAAGGAGAGCGCTAATTGGTGACAGAATTATAGATACAGTTTTT
 AAGGGTTGCTTCCAGAAAGTAATACATCAATATGCAACTCTTACTGAAAGGCCTTATTAGTAGTCTTA
 GCTATACAATGATAAATTTTATTGAATTAGTTTCACTGTGTGACTAATTTAAAAATACTTATGTAGA
 GTTAGGACAAATGGGGTAGAATATACATTAAGTGAACAATCATTAGCAGGTATCTAATATCTCAGGG
 CTTATGAAATATAGTTCAATTTATTTAAAAAATCAAAAAATAAATATTCGGATACACAGCTGGCCACCAA
 ATGCAAGTCAGTCTGCCATTTAACCTTCAAAATGAACTCGATTTACATCTTACCATTGCCACGCAATC
 CATGTAACACTGGAATCACGTGCCATTGAAGTTTGGGGAAGGAAACGTTTAGTAGTAATGGCAACAA
 CATTAGACAGGATCCTCATATGAGGACCATGTGCATGGTTGACATTTTGCAGAATAACTCTAATGACAA
 GAATGCAAGATGGGGTTAATGAGGTGACCTGTAGCTTTGGCACGTCCAGAGTTCTTTGTCAATTACCTT
 TATGTTACTTTATGCTGCTGGCTCTGTACCTTGGGAGATTGTAACAGTGACCAAAATATCTGTGCATTT
 AAGGCTTACTCTTTGATTGTTGTTGTTGAAGGCTCATTTTCAAAGTATCAAAATCATACCTCGTGAGCTTG
 CTATCTGCTGTTTCTAGTTAAAAATATAATAAAGACTATCTATTGTGCTGAAAAAAAAAAAAAAAAAAAA AAAA

Restriction Sites: EcoRI-NotI

ACCN: NM_025975

Insert Size: 351 bp

OTI Disclaimer: Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).

Components: The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).

Reconstitution Method:	1. Centrifuge at 5,000xg for 5min. 2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA. 3. Close the tube and incubate for 10 minutes at room temperature. 4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom. 5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.
Note:	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
RefSeq:	<u>BC030032, AAH30032</u>
RefSeq Size:	2104 bp
RefSeq ORF:	351 bp
Locus ID:	67117
UniProt ID:	<u>P56387</u>
Cytogenetics:	X A1.1
Gene Summary:	Acts as one of several non-catalytic accessory components of the cytoplasmic dynein 1 complex that are thought to be involved in linking dynein to cargos and to adapter proteins that regulate dynein function. Cytoplasmic dynein 1 acts as a motor for the intracellular retrograde motility of vesicles and organelles along microtubules. Probably binds BUB3 as part of transport cargo. Required for the efficient progression through mitosis.[UniProtKB/Swiss-Prot Function]