

Dynactin 2 (1-403 a.a.) Human Recombinant

Item Number	rAP-3203
Synonyms	Dynactin 2 (P50), 50 KDa Dynein-Associated Polypeptide, Dynactin Complex 50 KDa Subunit, P50 Dynamin, DCTN50, 50 KD Dynein-Associated Polypeptide, Epididymis Secretory Protein Li 77, Dynactin Complex 50 KD Subunit, DYNAMITIN, HEL-S-77, DCTN-50, RBP50.
Description	Dynactin 2 Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 426 amino acids (1-403 a.a) and having a molecular mass of 46.9kDa. DCTN2 is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.
Uniprot Accession Number	Q13561
Amino Acid Sequence	MGSSHHHHH SSGLVPRGSH MGSMADPKYA DLPGIARNEP DVYETSDLPE DDQAEFDAEL EELTSTSVEH IIVNPNAAYD KFKDKRVGTK GLDFSDRIGK TKRTGYESGE YEMLGEGLV KETPQQKYQR LLHEVQELTT EVEKIKTTVK ESATEEKLTP VLLAKQLAAL KQQLVASHLE KLLGPDAAIN LTDPDGALAK RLLQLLEATK NSKGGSGGKT TGTPDSSLV TYELHSRPEQ DKFSQAQVA ELEKRL- TELE TAVRCDQDAQ NPLSAGLQGA CLMETVELLQ AKVSALDLAV LDQVEARLQS VLGVNEIAK HKASVEDADT QSKVHQLYET IQRWSPIAST LPELVQRLVT IKQLHEQAMQ FGQLLTHLDT TQQMI-
Source	Escherichia Coli.
Physical Appearance and Stability	Sterile Filtered colorless solution. Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.
Formulation and Purity	DCTN2 protein solution (0.5mg/ml) containing 20mM Tris-HCl (pH8.0), 10% glycerol, 0.15M NaCl and 1mM DTT. Greater than 90.0% as determined by SDS-PAGE.
Application	
Solubility	
Biological Activity	
Shipping Format and Condition	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**