

Dynactin 2 (1-406 a.a.) Human Recombinant

Item Number	rAP-3201
Synonyms	DCTN2, Dynactin 2 (P50), DCTN50, Dynactin Complex 50 KDa Subunit, 50 KDa Dynein-Associated Polypeptide, P50 Dynamitin, 50 KD Dynein-Associated Polypeptide, DYNAMITIN, HEL-S-77, RBP50, Dynactin Complex 50 KD Subunit, Dynactin Subunit 2, Epididymis Secretor
Description	Dynactin 2 Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 429 amino acids (1-406 a.a) and having a molecular mass of 47.2kDa. 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 SSSLVPRGSH MGSMADPKYA DLPGIARNEP DVYETSDLPE DDQAEFDFAFA QELEELTSTS VEHIIVNPNA AYDKFKDKRV GTKGLDFSDR IGKTKRTGYE SGEYEMLGEG LGVKETPQQK YQRLLEHVQE LTTEVEKIKT TVKESATEEK LTPVLLAKQL AALKQQLVAS HLEKLLGPDA AINLTDPDGA LAKRLLQLE ATKNSKGGSG GKTTGTPPDS SLVTYELHSR PEQDKFSQAA KVAELE- KRLT ELETAVRCDQ DAQNPLSAGL QGAQLMETVE LLQAKVSALD LAVLDQVEAR LQSVLGKVNE IAKHKASVED ADTQSKVHQL YETIQRWSPI ASTLPELVQR LVTIKQLHEQ AMQFGQLLTH LDTTQQMIAN
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), 20% 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**