

Recombinant Full Length Human DCTN3 Protein, GST-tagged

Cat. No. DCTN3-2402HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human DCTN3 full-length ORF (AAH00319, 1 a.a. - 176 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	176 amino acids
Description	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]
Molecular Mass	44.88 kDa
AA Sequence	MAGLTDLQRLQARVEELERWVYGPGGARGSRKVADGLVKVQVALGNISSKRERVKI LYKKIEDLIKYLDPEYIDRIAIPDASKLQFILAEQFILSQVALLEQVNALVPMLDSAHIK AVPEHAARLQRLAQIHIQQAPWGVGVRDEAGSLVEDVGFAQFLSVLHFGPTGPVC GNH

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production Protein Array
Notes	Best use within three months from the date of receipt of this protein.
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION

Gene Name	DCTN3 dynactin 3 (p22) [Homo sapiens]
Official Symbol	DCTN3
Synonyms	DCTN3; dynactin 3 (p22); dynactin subunit 3; DCTN 22; p22; dynactin light chain; dynactin 3, isoform 1; dynactin complex subunit 22 kDa subunit; DCTN22; DCTN-22; MGC111190;
Gene ID	11258
mRNA Refseq	NM_007234
Protein Refseq	NP_009165
MIM	607387
UniProt ID	O75935

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA