

Recombinant Human DCTN3 Protein, GST-tagged

Cat. No. DCTN3-2413H **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	Wheat Germ
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 LYKKIEDLIKYLDP EYIDRIAIPDASKLQFILAE EQFILSQVALLEQVNALVPMLDSAHIK AVPEHAARLQRLAQIHIQQAPWGVGV RDEAGSLVEDVGFAQFLSVLHFGPTGPVC GNH
Applications	Enzyme-linked Immunoabsorbent Assay

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

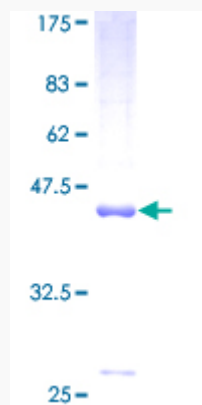
 45-1 Ramsey Road, Shirley, NY 11967, USA

	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; MGC1111190;
Gene ID	11258
mRNA Refseq	NM_007234
Protein Refseq	NP_009165
MIM	607387
UniProt ID	O75935

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Quality Control**Testing:**

12.5% SDS-PAGE Stained with Coomassie Blue.

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