

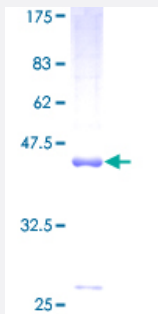
Full-Length

DCTN3 (Human) Recombinant Protein (P01)

Catalog # H00011258-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description	Human DCTN3 full-length ORF (AAH00319, 1 a.a. - 176 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	MAGLTDLQRLQARVEELERWVYGPGGARGSRKVADGLVKVQVALGNISSKRERVKILYKKIEDLIK YLDPEYIDRIAIPDASKLQFILAEQFILSQVALLEQVNALVPM LDSAHKAVPEHAARLQRLAQIHIQ QQAPWGVGVRDEAGSLVEDVGFAQFLSVLHFGPTGPVCGNH
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	44.88
Interspecies Antigen Sequence	Mouse (86)
Preparation Method	in vitro wheat germ expression system
Purification	Glutathione Sepharose 4 Fast Flow
Quality Control Testing	12.5% SDS-PAGE Stained with Coomassie Blue.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Note

Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — DCTN3

Entrez GeneID [11258](#)

GeneBank Accession# [BC000319](#)

Protein Accession# [AAH00319](#)

Gene Name DCTN3

Gene Alias DCTN-22, DCTN22, MGC111190

Gene Description dynactin 3 (p22)

Omim ID [607387](#)

Gene Ontology [Hyperlink](#)

Gene Summary 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 of this gene generates 2 transcript variants. [provided by RefSeq]

Other Designations OTTHUMP00000021292|OTTHUMP00000021293|OTTHUMP00000045394|dynactin 3|dynactin 3, isoform 1|dynactin light chain