

Full-Length

DCTN5 (Human) Recombinant Protein (P01)

Catalog # H00084516-P01

Size 50 ug

Specification

Product Description	Human DCTN5 full-length ORF (ADZ15660.1, 1 a.a. - 182 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	MELGELLYNKSEYIETASGNKVSQRQSVLCGSQNVLNGKTMNDCIIRGDLANVRVGRHCVVKSR SVIRPPFKKFSKGVAFFPLHIGDHVFIEEDCVVNAAQIGSYVHVGNKCVIGRRCVLKDCKILDNTV LPPETVVPFPTVFSGCPGLFSGELPECTQELMIDVTKSYYQKFLPLTQV
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	20.1
Interspecies Antigen Sequence	Mouse (99)
Preparation Method	in vitro wheat germ expression system
Purification	Glutathione Sepharose 4 Fast Flow
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 — DCTN5

Entrez GeneID [84516](#)**GeneBank Accession#** [JF432443.1](#)**Protein Accession#** [ADZ15660.1](#)**Gene Name** DCTN5**Gene Alias** MGC3248, p25**Gene Description** dynactin 5 (p25)**Gene Ontology** [Hyperlink](#)

Gene Summary Dynactin (see MIM 601143) is a multimeric protein essential for minus-end-directed transport driven by the microtubule-based motor dynein (see DYNC1H1; MIM 600112). DCTN5 is a subunit of the pointed-end subcomplex of dynactin that is thought to interact with membranous cargo (Parisi et al., 2004 [PubMed 15043994]).[supplied by OMIM]

Other Designations dynactin 4|dynactin 5

Disease

- [Arthritis](#)
- [Bipolar Disorder](#)
- [Coronary Artery Disease](#)
- [Crohn Disease](#)
- [Diabetes Mellitus](#)
- [Genetic Predisposition to Disease](#)
- [Hypertension](#)