

Recombinant Human DCTN5 protein, T7-tagged

Cat. No. DCTN5-140H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant human DCTN5 (182 aa, Isoform-I) protein fused with 15aa (T7) at N-terminal, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	182 a.a.
Form	0.2 mg/ml, sterile-filtered, in 20 mM pH 8.0 Tris-HCl Buffer, with proprietary formulation of NaCl, KCl, EDTA, arginine, DTT and Glycerol.
AA Sequence	MASMTGGQQMGRGEFMELGELLYNKSEYIETASGNKVSQRQSVLCGSQNIVLNGKTI VMNDCIIRGDLANVRVGRH CVVKSRSVIRPPFKKFSKGVAFFPLHIGDHVFI EEDCV VNAAQIGSYVHVGKNCVIGRRCVLKDCCKILDNTVLP PETVVPFTVFSGCPGLFSG ELPECTQELMIDVTKSYYQKFLPLTQV
Purity	>90% by SDS-PAGE
Applications	1. May be used for in vitro DCTN5 mediated dynein motor regulation study for intracellular cargo transportation by intracellular delivery of this protein with "ProFectin" reagent.2. May be used for mapping DCTN5 protein – protein interaction assay.3. May be used as specific substrate protein for kinase and ubiquitin (Sumo pathway) related enzyme functional screening assays.4. May be used for specific antibody production.

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Storage Keep at -80°C for long term storage. Product is stable at 4 °C for at least 30 days.

GENE INFORMATION

Gene Name [DCTN5 dynactin 5 \(p25\) \[Homo sapiens \]](#)

Official Symbol [DCTN5](#)

Synonyms DCTN5; dynactin 5 (p25); dynactin subunit 5; MGC3248; p25; dynactin 4; dynactin subunit p25;

Gene ID [84516](#)

mRNA Refseq [NM_001199011](#)

Protein Refseq [NP_001185940](#)

MIM [612962](#)

UniProt ID [Q9BTE1](#)

Chromosome Location 16p12.1

Pathway Vasopressin-regulated water reabsorption, organism-specific biosystem;
Vasopressin-regulated water reabsorption, conserved biosystem;

Function transferase activity;

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