

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 CVVKSRSVIRPPFKKFSKGVAFFPLHIGDHFIEEDCV 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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