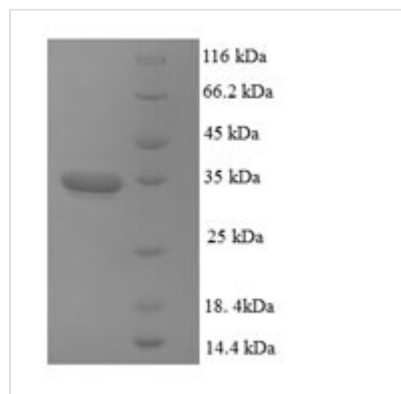




# Recombinant Human Dynactin subunit 3 (DCTN3)

<b>Product Code</b>	CSB-EP006566HU
<b>Relevance</b>	Together with dynein may be involved in spindle assbly and cytokinesis.
<b>Abbreviation</b>	Recombinant Human DCTN3 protein
<b>Storage</b>	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
<b>Uniprot No.</b>	O75935
<b>Product Type</b>	Recombinant Proteins
<b>Immunogen Species</b>	Homo sapiens (Human)
<b>Purity</b>	Greater than 90% as determined by SDS-PAGE.
<b>Sequence</b>	AGLTDLQRLQARVEELERWVYGGPGGARGSRKVADGLVKVQVALGNISSKRER VKILYKKIEDLIKYLDPEYIDRIAIPDASKLQFILAEQFILSQVALLEQVNALVPML DSAHIKAVPEHAARLQRLAQIHQQAPWGVGVVRDEAGSLVEDVGFAQFLSVL HFGPTGPVCGNH
<b>Research Area</b>	Cell Cycle
<b>Source</b>	E.coli
<b>Target Names</b>	DCTN3
<b>Expression Region</b>	2-176aa
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
<b>Tag Info</b>	N-terminal 6xHis-SUMO-tagged
<b>Mol. Weight</b>	35.3kDa
<b>Protein Length</b>	Full Length of Mature Protein of Isoform 2

## Image



(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

## Description

The Human DCTN3 protein's gene (2-176aa) is inserted into a plasmid vector,



forming recombinant plasmid, which is introduced into e.coli cells. e.coli cells surviving in the presence of a specific antibiotic are selected and then cultured under conditions promoting the expression of the gene of interest. The protein features a N-terminal 6xHis-SUMO tag fusion. After expression, the recombinant Human DCTN3 protein is isolated and purified from the cell lysate through affinity purification. Denaturing SDS-PAGE is utilized to resolve the resulting recombinant protein, revealing a purity exceeding 90%.

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**Shelf Life**

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