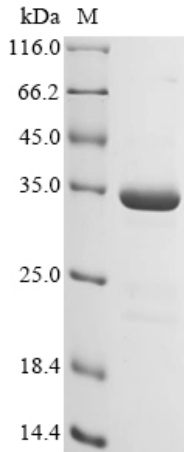


## Datasheet

<b>Product Name</b>	Recombinant Human Dynactin subunit 3(DCTN3)
<b>Catalog Number</b>	<b>MBS1065589</b>
<b>Expression host</b>	<i>E.coli</i>
<b>Product Info</b>	N-terminal 6xHis-SUMO-tagged
<b>Buffer</b>	Lyophilized from 10 mM Tris-HCl, 1 mM EDTA, 6%Trehalose, pH 8.0. The volume before lyophilization is 100µl/vial.
<b>Storage</b>	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
<b>Relevance</b>	Together with dynein may be involved in spindle assembly and cytokinesis.
<b>AA sequence</b>	AGLTDLQRLQARVEELERWVYGPGGARGSRKVADGLVKVQVALGNISSKRER VKILYKKIEDLIKYLDPEYIDRIAIPDASKLQFILAEQFILSQVALLEQVNALVPM LDSAHIKAVPEHAARLQRLAQIHIQQAPWGVGVRDEAGSLVEDVGFAQFLSV LHFGPTGPVCGNH
<b>References</b>	"Cloning of human full open reading frames in Gateway(TM) system entry vector (pDONR201)." Ebert L., Schick M., Neubert P., Schatten R., Henze S., Korn B. Submitted (JUN-2004)

## Certificate of Analysis

Product Name	Recombinant Human Dynactin subunit 3(DCTN3)		
Catalog Number	MBS1065589		
Expression host	E.coli		
Product Info	N-terminal 6xHis-SUMO-tagged		
Buffer	Lyophilized from 10 mM Tris-HCl, 1 mM EDTA, 6%Trehalose, pH 8.0. The volume before lyophilization is 100μl/vial.		
Reconstitution	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.		
Batch Number	DA04859b1g0		
Nature	Human DCTN3-(AA 2-176)-O75935-Full Length of Mature Protein of Isoform 2		
Purification	Affinity purified using IMAC		
Recommended Storage	Short term	2 to 8 °C, one week from the date of receipt	
	Long term	-20 to -80 °C, twelve months from the date of receipt	
Form	Lyophilized powder		
Date of detection	2021.04.14		
Test Items	Specifications		Results
Purity	≥90%, by SDS-PAGE quantitative densitometry by Coomassie Blue Staining.		90%
Molecular Weight	Predicted band size: 35.3 kDa		Observed band size: 35 kDa

<b>Electrophoretic parameters</b>	(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.
<b>Aseptic Processing</b>	Not done
<b>Endotoxin Level</b>	Untreated
<b>Activity</b>	Not tested
<b>Conclusion</b>	pass

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