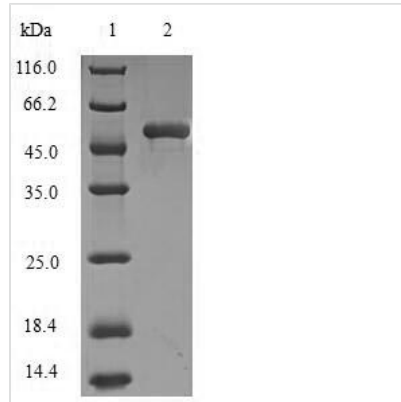




Recombinant Human Dynactin subunit 1 (DCTN1), partial

Product Code	CSB-EP619866HU
Relevance	Required for the cytoplasmic dynein-driven retrograde movement of vesicles and organelles along microtubules. Dynein-dynactin interaction is a key component of the mechanism of axonal transport of vesicles and organelles.
Abbreviation	Recombinant Human DCTN1 protein, partial
Storage	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.
Uniprot No.	Q14203
Alias	150 kDa dynein-associated polypeptide DAP-150
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	≥ 90% as determined by SDS-PAGE.
Sequence	PSKEEEGLRAQVRDL EEKLETLRLKRAEDKAKLKELEKHKIQLEQVQEWKSKM QEQQADLQRRRLKEARKEAKEALEAKERYMEEMADTADAIEMATLDKEMAEER AESLQQEVEALKERVDELTTDLEILKAEIEEKGS DGAASSYQLKQLEEQNARLK DALVRMRDLSSEKQEHVKLQKLMEKKNQELEVVRQQRERLQEELSQAESTI DELKEQVDAALGAEEMVEMLTDRNLNLEEKVRELRETVGDLEAMNEMNDELQ ENARETELELREQLDMAGARVREAQKRVEAAQETVADYQQTIKKYRQLTAHL QDVNRELTNQQEASVERQQQ
Research Area	Cell Biology
Source	E.coli
Target Names	DCTN1
Protein Names	Recommended name: Dynactin subunit 1 Alternative name(s): 150 kDa dynein-associated polypeptide DAP-150 Short name= DP-150 p135 p150-glued
Expression Region	213-547
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	N-terminal 6xHis-SUMO-tagged
Mol. Weight	55.2kDa
Protein Length	Partial
Image	



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

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.

Shelf Life

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.