

DCTN1 抗原（重组蛋白）

中文名称： DCTN1 抗原（重组蛋白）

英文名称： DCTN1 Antigen (Recombinant Protein)

别名： P135; DP-150; DAP-150

储存： 冷冻（-20℃）

相关类别： 抗原

概述：

Fusion protein corresponding to a region derived from N terminal 198 amino acids of human DCTN1

技术规格：

Full name:	dynactin 1
Synonyms:	P135; DP-150; DAP-150
Swissprot:	Q14203
Gene Accession:	BC006163
Purity:	>85%, as determined by Coomassie blue stained SDS-PAGE
Expression system:	Escherichia coli
Tags:	His tag C-Terminus, GST tag N-Terminus
Background:	This gene encodes the largest subunit of dynactin, a macromolecular complex consisting of 10 subunits ranging in size from 22 to 150 kD. Dynactin binds to both microtubules and cytoplasmic dynein. Dynactin is involved in a diverse array of cellular functions, including ER-to-Golgi transport, the centripetal movement of lysosomes and endosomes, spindle formation, chromosome movement

ent, nuclear positioning, and axonogenesis. This subunit interacts with dynein intermediate chain by its domains directly binding to dynein and binds to microtubules via a highly conserved glycine-rich cytoskeleton-associated protein (CAP-Gly) domain in its N-terminus. Alternative splicing of this gene results in multiple transcript variants encoding distinct isoforms.