

# Recombinant Human DCTN1

Catalog No: #GP11444



Package Size: #GP11444-1 100ug

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## Description

Product Name	Recombinant Human DCTN1
Brief Description	Recombinant Protein
Immunogen Description	Fusion protein corresponding to a region derived from N terminal 198 amino acids of human dynactin 1
Target Name	dynactin 1
Other Names	P135; DP-150; DAP-150
Accession No.	Swissprot:Q14203Gene Accession:BC006163
Uniprot	Q14203
GeneID	1639;
Storage	-20~-80°C, pH 7.6 PBS

## 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, 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.

## References

Note: For in vitro research use only, not for diagnostic or therapeutic use. This product is not a medical device.

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