

## DCTN4 抗原（重组蛋白）

中文名称： DCTN4 抗原（重组蛋白）

英文名称： DCTN4 Antigen (Recombinant Protein)

别名： P62; DYN4

储存： 冷冻（-20℃）

相关类别： 抗原

概述：

Fusion protein corresponding to C terminal 250 amino acids of human DCTN4

技术规格：

<b>Full name:</b>	dynactin 4 (p62)
<b>Synonyms:</b>	P62; DYN4
<b>Swissprot:</b>	Q9UJW0
<b>Gene Accession:</b>	BC026323
<b>Purity:</b>	>85%, as determined by Coomassie blue stained SDS-PAGE
<b>Expression system:</b>	Escherichia coli
<b>Tags:</b>	His tag C-Terminus, GST tag N-Terminus
<b>Background:</b>	Dynactin is a multisubunit complex and a required cofactor for most, or all, of the cellular processes powered by the microtubule-based motor cytoplasmic dynein . Dynactin contains a short actin-related protein 1 (Arp1) filament with capZ at the barbed end and p62 at the pointed end . The p62 subunit is an integral component of 20 S dynactin with a highly conserved cysteine-rich motif that interacts directly with Arp1. Dynactin p62 has a punctate

cytoplasmic distribution as well as centrosomal distribution typical of dynactin . In addition, Dynactin p62 is distributed in the nucleus at very high expression levels . Due to the structural composition of dynactin, the p62 subunit is implicated in Arp1 pointed-end binding and in linking dynein and dynactin to the cortical cytoskeleton.