

TUBGCP4 抗原（重组蛋白）

中文名称： TUBGCP4 抗原（重组蛋白）

英文名称： TUBGCP4 Antigen (Recombinant Protein)

别名： tubulin gamma complex associated protein 4; 76P; GCP4; GCP-4; Grip76; MCCR3

储存： 冷冻（-20℃）

相关类别： 抗原

概述

Fusion protein corresponding to a region derived from 468-667 amino acids of human TUBGCP4

技术规格

Full name:	tubulin gamma complex associated protein 4
Synonyms:	76P; GCP4; GCP-4; Grip76; MCCR3
Swissprot:	Q9UGJ1
Gene Accession:	BC009870
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 a component of the gamma-tubulin ring complex, which is required for microtubule nucleation. In mammalian cells, the protein localizes to centrosomes in association with gamma-tubulin. Crystal structure analysis revealed a structure composed of five helical bundles arranged around conserved hydrophobic cores. An exposed surface area located in the C-terminal domain is essential and sufficient for direct binding to gamma-tubulin. Mutations in this

gene that alter microtubule organization are associated with microcephaly and chorioretinopathy. Alternative splicing results in multiple transcript variants.