

ACTL6B 抗原（重组蛋白）

中文名称：ACTL6B 抗原（重组蛋白）

英文名称：ACTL6B Antigen (Recombinant Protein)

别名：ACTL6; BAF53B; arpNalpha

储存：冷冻（-20℃）

相关类别：抗原

概述：

Fusion protein corresponding to a region derived from 227-426 amino acids of human ACTL6B

技术规格：

Full name:	actin like 6B
Synonyms:	ACTL6; BAF53B; arpNalpha
Swissprot:	O94805
Gene Accession:	BC020944
Purity:	>85%, as determined by Coomassie blue stained SDS-PAGE
Expression system:	Escherichia coli
Tags:	His tag C-Terminus, GST tag N-Terminus
Background:	The protein encoded by this gene is a member of a family of actin-related proteins (ARPs) which share significant amino acid sequence identity to conventional actins. Both actins and ARPs have an actin fold, which is an ATP-binding cleft, as a common feature. The ARPs are involved in diverse cellular processes, including vesicular transport, spindle orientation, nuclear migration and chromatin remodeling. This gene encodes a subunit of the BAF (BRG1/brm-associated factor) complex in mammals, which is functionally related to SWI/SNF complex in <i>S. cerevisiae</i> and <i>Drosophila</i> ; the latter is thought to facilitate transcriptional activation of specific genes by antagonizing chromatin-mediated transcriptional repression. This subunit may

be involved in the regulation of genes by structural modulation of their chromatin, specifically in the brain. Alternative splicing results in multiple transcript variants.