

# Recombinant Human ACTL6B

Catalog No: #GP13388



Package Size: #GP13388-1 100ug

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## Description

Product Name	Recombinant Human ACTL6B
Brief Description	Recombinant Protein
Immunogen Description	Fusion protein corresponding to a region derived from 227-426 amino acids of human ACTL6B
Target Name	actin like 6B
Other Names	ACTL6; BAF53B; arpNalpha
Accession No.	Swissprot:O94805Gene Accession:BC020944
Uniprot	O94805
GeneID	51412;
Storage	-20~-80°C, pH 7.6 PBS

## 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 *S. cerevisiae* and *Drosophila*; 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.?

## 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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