PHF21A 抗原（重组蛋白）

中文名称： PHF21A 抗原（重组蛋白）

英文名称： PHF21A Antigen (Recombinant Protein)

别　　名： PHD finger protein 21A; BHC80; BM-006

相关类别： 抗原

储　　存： 冷冻（-20℃）

概述

Fusion protein corresponding to a region derived from 481-680 amino acids of human PHF21A

技术规格

Full name:	PHD finger protein 21A
Synonyms:	BHC80; BM-006
Swissprot:	Q96BD5
Gene Accession:	BC015714
Purity:	>85%, as determined by Coomassie blue stained SDS-PAGE
Expression system:	Escherichia coli
Tags:	His tag C-Terminus, GST tag N-Terminus
Background:	Zinc-finger proteins contain DNA-binding domains and have a wide variety of functions, most of which encompass some form

	of transcriptional activation or repression. PHF21A (PHD finger protein 21A), also known as BRAF35-HDAC complex protein BHC80, is a 680 amino acid nuclear protein that contains one PHD-type zinc finger and one A.T hook DNA-binding domain, suggesting involvement in transcriptional regulation events. PHF21A is a component of the BHC complex, which is responsible for repressing transcription of neuron-specific genes in non-neuronal cells. The BHC complex acts as a chromatin modifier that deacetylates and demethylates specific sites on histones. PHF21A may act as a scaffold within the BHC complex. Predominantly expressed in brain, three isoforms of PHF21A exist as a result of alternative splicing events.