



Human PHF21A peptide (DAG-P0184)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen Description	The PHF21A gene encodes BHC80, a component of a BRAF35 (MIM 605535)/histone deacetylase (HDAC; see MIM 601241) complex (BHC) that mediates repression of neuron-specific genes through the cis-regulatory element known as repressor element-1 (RE1) or neural restrictive silencer (NRS) (Hakimi et al., 2002 [PubMed 12032298]).[supplied by OMIM, Nov 2010]
Specificity	Highly expressed in brain. Expressed at much lower level in other tissues.
Conjugate	Unconjugated
Sequence Similarities	Contains 1 A.T hook DNA-binding domain.Contains 1 PHD-type zinc finger.
Format	Liquid
Preservative	None
Storage	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles. Information available upon request.

GENE INFORMATION

Gene Name	PHF21A PHD finger protein 21A [Homo sapiens (human)]
Official Symbol	PHF21A
Synonyms	PHF21A; PHD finger protein 21A; BHC80; BM-006; BHC80a; BRAF35/HDAC2 complex (80 kDa); BRAF35-HDAC complex protein BHC80;
Entrez Gene ID	51317
mRNA Refseq	NM_001101802.1

Protein Refseq	NP_001095272.1
UniProt ID	Q96BD5
Chromosome Location	11p11.2
Pathway	Factors involved in megakaryocyte development and platelet production, organism-specific biosystem; Hemostasis, organism-specific biosystem;
Function	DNA binding; chromatin binding; zinc ion binding;