

Recombinant Human PHIP, His&FLAG-tagged

Cat. No. PHIP-64H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human PHIP corresponding to amino acids 1302 - 1434 that contains the bromodomain sequences of PHIP (accession number NP_060404.3) was expressed in E. coli and contains an N-terminal His tag and C-terminal FLAG tag with an observed molecular weight of 21.994 kDa.
Species	Human
Source	E.coli
ProteinLength	1302-1434 a.a.
Description	PH-interacting protein (PHIP), also known as WDR11 or BRWD2, is a member of the WD repeat protein family. This family is characterized by regions of approximately 40 amino acids bracketed by gly-his and trp-aspartate (GH-WD), that potentially facilitate the formation of heterotrimeric or multimeric protein complexes. They also contain bromodomains that recognize acetylated histone lysine residues and function as "readers" of these epigenetic histone marks to regulate chromatin structure and gene expression by linking associated proteins to the recognized acetylated nucleosomal targets.
Form	25 mM HEPES pH 7.5, 150 mM NaCl and 5% glycerol.
Applications	Binding assays, inhibitor screening, and selectivity profiling.
Storage	Recombinant proteins in solution are temperature sensitive and must be stored at -

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80°C to prevent degradation. Avoid repeated freeze/thaw cycles and keep on ice when not in storage.

Concentration 0.3 mg/ml

GENE INFORMATION

Gene Name PHIP pleckstrin homology domain interacting protein [Homo sapiens]

Official Symbol PHIP

Synonyms PHIP; pleckstrin homology domain interacting protein; WDR11; PH-interacting protein; BRWD2; DCAF14; DDB1 and CUL4 associated factor 14; FLJ20705; ndrp; IRS-1 PH domain-binding protein; WD repeat-containing protein 11; FLJ45918; MGC90216;

Gene ID 55023

mRNA Refseq NM_017934

Protein Refseq NP_060404

MIM 612870

UniProt ID Q8WWQ0

Chromosome Location 6q14

Function insulin receptor binding; protein binding;

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