

Recombinant Human BRWD1, GST-tagged

Cat. No. BRWD1-167H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human WRD9 bromodomain 2 (1310-1426 aa) fused to a GST tag
Species	Human
Source	E.coli
ProteinLength	1310-1426 a.a.
Description	The acetylation of histone lysine residues plays a crucial role in the epigenetic regulation of gene transcription. A bromodomain is a protein domain that recognizes acetylated lysine residues such as those on the N-terminal tails of histones. This recognition is often a prerequisite for protein-histone association and chromatin remodeling. These domains function in the linking of protein complexes to acetylated nucleosomes, thereby controlling chromatin structure and gene expression. Thus, bromodomains serve as “readers” of histone acetylation marks regulating the transcription of target promoters. WDR9 possesses two bromodomain motifs and eight WD repeats. WDR9 is also known to interact with BRG1 (SMARCA4). This product contains the bromodomain 2 region of WDR9.
Form	Liquid. 50 mM Tris, pH 7.5, containing 500 mM sodium chloride, 5% glycerol, and 5 mM β-mercaptoethanol.
Molecular Mass	40.3 kDa (1310-1426 aa + GST Tag)
Purity	≥85%

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Storage Store at -80°C. Avoid repeated freeze and thaw cycles. Stable for 1 year.

GENE INFORMATION

Gene Name BRWD1 bromodomain and WD repeat domain containing 1 [Homo sapiens]

Official Symbol BRWD1

Synonyms BRWD1; bromodomain and WD repeat domain containing 1; C21orf107, chromosome 21 open reading frame 107 , WD repeat domain 9 , WDR9; bromodomain and WD repeat-containing protein 1; FLJ11315; N143; transcriptional unit N143; WD repeat protein WDR9-form2; WD repeat-containing protein 9; WDR9; C21orf107; FLJ43918;

Gene ID 54014

mRNA Refseq NM_001007246

Protein Refseq NP_001007247

UniProt ID Q9NSI6

Chromosome Location 21q22.2

Function molecular_function;

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