

BRPF3 bromodomain (576-701 aa) (GST-tagged), Human recombinant protein
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Catalog # PBV11239r**Specification**

BRPF3 bromodomain (576-701 aa) (GST-tagged), Human recombinant protein - Product info

Primary Accession [O9ULD4](#)
Calculated MW **41.2 kDa (576-701 aa + NT GST Tag) kDa**

BRPF3 bromodomain (576-701 aa) (GST-tagged), Human recombinant protein - Additional Info

Gene ID **27154**
Gene Symbol **BRPF3**
Other Names
Bromodomain and PHD Finger Containing 3; KIAA1286; MGC:58603

Gene Source **Human**
Source **E. coli**
Assay&Purity **SDS-PAGE; ≥95%**
Assay2&Purity2 **HPLC;**
Recombinant **Yes**
Target/Specificity
BRPF3

Format
Liquid

Storage
-80°C; 50 mM Tris, pH 7.5, containing 500 mM sodium chloride, 5 mM β-mercaptoethanol and 5% glycerol.

BRPF3 bromodomain (576-701 aa) (GST-tagged), Human recombinant protein - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

BRPF3 bromodomain (576-701 aa) (GST-tagged), Human recombinant protein - Images**BRPF3 bromodomain (576-701 aa) (GST-tagged), Human recombinant protein -**

Background

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. Bromodomain and PHD finger containing 3 (BRPF3) is a component of the MOZ/MORF histone acetyltransferase (HAT) complex. The addition of BRPF proteins to MOZ/MORF increases its HAT activity.³ Consequently, BRPF3 is likely to play a role in regulation of transcriptional activation by MOZ/MORF. This product contains the first bromodomain of BRPF3.

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Doyon Y., et al. Mol. Cell 21:51-64(2006).
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