

**Bromodomain Testis-specific Protein (BrdT), human recombinant protein**  
**Recombinant Human Bromodomain Testis-specific Protein (BrdT)**  
**Catalog # PBV11217r****Specification**

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**Bromodomain Testis-specific Protein (BrdT), human recombinant protein - Product info**

Primary Accession [Q58F21](#)  
Calculated MW **13.9 kDa (117aa, 22-138 +NT-His Tag) KDa**

**Bromodomain Testis-specific Protein (BrdT), human recombinant protein - Additional Info**

Gene ID **676**  
Gene Symbol **BRDT**  
**Other Names**  
BrdT, Cancer/testis antigen 9, CT9, RING3-like protein

Gene Source **Human**  
Source **E. coli**  
Assay&Purity **SDS-PAGE; ≥98%**  
Assay2&Purity2 **N/A;**  
Recombinant **Yes**  
**Target/Specificity**  
BRDT

**Format**  
Liquid

**Storage**  
-80°C; rh-BrdT is supplied as a solution in 50 mM Tris, pH 8.0, 150 mM NaCl and 10% Glycerol.

**Bromodomain Testis-specific Protein (BrdT), 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](#)

**Bromodomain Testis-specific Protein (BrdT), human recombinant protein - Images****Bromodomain Testis-specific Protein (BrdT), human recombinant protein - Background**

BrdT is similar to the RING3 protein family. It possesses 2 bromodomain motifs and a PEST

sequence. The bromodomain is found in proteins that regulate transcription. BrdT drives a meiotic and post-meiotic gene expression program. It also controls the genome-wide post-meiotic genome reorganization that occurs after histone hyperacetylation in elongating spermatids. It may play a role in the transcriptional regulation of spermatogenesis. It also seems to have a structural ATP-independent role in the reorganization of acetylated chromatin. BioVision's recombinant protein includes Bromo 1 domain (22-138 aa) with N-terminal His-tag.

**Bromodomain Testis-specific Protein (BrdT), human recombinant protein - References**

Jones M.H.,et al.Genomics 45:529-534(1997).  
Zheng Y.,et al.Int. J. Mol. Med. 15:315-321(2005).  
Ota T.,et al.Nat. Genet. 36:40-45(2004).  
Gregory S.G.,et al.Nature 441:315-321(2006).  
Mural R.J.,et al.Submitted (JUL-2005) to the EMBL/GenBank/DDBJ databases.