

Bromodomain Testis-specific Protein (BrdT, domain 257-382 aa), human recombinant protein**Recombinant Human Bromodomain Testis-specific Protein (BrdT)****Catalog # PBV11218r****Specification**

Bromodomain Testis-specific Protein (BrdT, domain 257-382 aa), human recombinant protein - Product info

Primary Accession	Q58F21
Calculated MW	14.9 kDa (126 aa, 257-382 aa + NT His Tag) KDa

Bromodomain Testis-specific Protein (BrdT, domain 257-382 aa), 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, domain 257-382 aa), 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, domain 257-382 aa), human recombinant

protein - Images

Bromodomain Testis-specific Protein (BrdT, domain 257-382 aa), 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 (257-382 aa) with N-terminal His-tag.

Bromodomain Testis-specific Protein (BrdT, domain 257-382 aa), 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.