10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

# 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 Cytomety
- Cell Culture

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**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.