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

Specification

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 Cytomety
- 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.