

## Recombinant Human BRDT protein, GST-tagged

Cat. No. BRDT-2322H    Lot. No. (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|-------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Human BRDT protein (accession number NP_001229735.2)(21-137 aa) was expressed in E.coli and contains an N-terminal GST Tag                                                                                                                                                                                                                                                                                                                                        |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| <b>Source</b>           | E.coli                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| <b>ProteinLength</b>    | 21-137 aa                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>Form</b>             | Supplied in 25 mM Tris pH 8.0, 300 mM NaCl, 10% glycerol.                                                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>Bio-activity</b>     | 1 $\mu$ M H4K5/8/12/16(ac4) peptide was incubated with different concentrations of BRDT (21-137) protein, GST-tag in a 10 $\mu$ l reaction system containing 50 mM HEPES-NaOH pH 7.4, 0.1% BSA for 1 hour, then 10 $\mu$ l GST antibody and SA-XL665 mixture (each 1:100 dilution in the reaction buffer) was added to each reaction system and incubated for 30 min. All the operations and reactions were performed at room temperature. HTRF assay was used for detection. |
| <b>Molecular Mass</b>   | 40.2 kDa                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>Purity</b>           | >80%                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| <b>Storage</b>          | Recombinant proteins in solution are temperature sensitive and must be stored at -80°C to prevent degradation. Avoid repeated freeze/thaw cycles and keep on ice when not in storage.                                                                                                                                                                                                                                                                                         |

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**Reconstitution**

It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

**GENE INFORMATION**

**Gene Name** BRDT bromodomain, testis-specific [ Homo sapiens ]

**Official Symbol** BRDT

**Synonyms** BRDT; bromodomain, testis-specific; bromodomain testis-specific protein; BRD6; cancer/testis antigen 9; CT9; RING3-like protein;

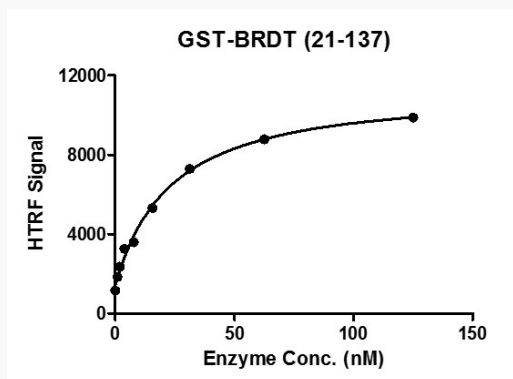
**Gene ID** 676

**mRNA Refseq** NM\_001242805

**Protein Refseq** NP\_001229734

**MIM** 602144

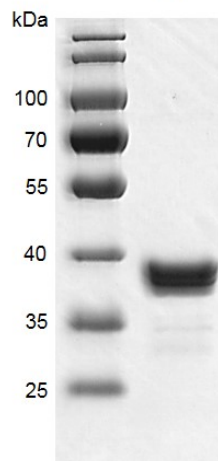
**UniProt ID** Q58F21

**Activity**


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**SDS-PAGE****GST-BRDT (21-137)**

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