

BRDT recombinant protein

Recombinant BRDT (257-382), GST-Tag

CATALOG #
AAA59712

HOST
E Coli

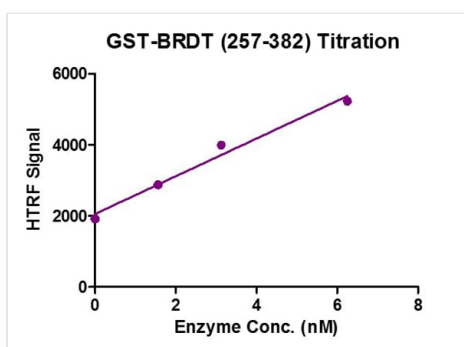
PRODUCT SYNONYMS

BRDT; Recombinant BRDT (257-382); GST-Tag; CT9; BRD6; BRDT recombinant protein

PRODUCT SPECIFICATIONS

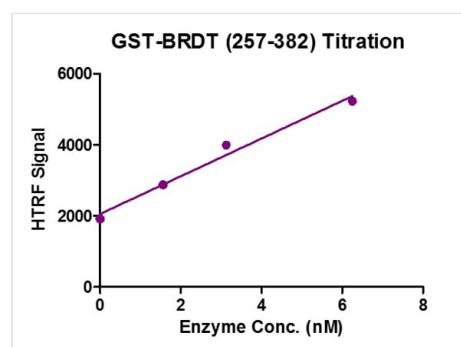
Host	E Coli
Purity/Purification	The recombinant protein is >90% pure by SDS-PAGE.
Form/Format	Recombinant BRDT (257-382), GST-Tag protein expressed in E Coli and supplied in 25mM Tris pH7.4, 150mM NaCl and 5% glycerol. Please refer to product insert upon arrival for lot-specific concentration.
Protein Species	Human
Tag	GST-Tag
Notes	This product was manufactured as described in Protein Details. Where possible, We has developed functional or activity assays for recombinant proteins. Additional characterization such as enzyme kinetic activity assays, inhibitor screening or other biological activity assays may not have been performed for every product. All available data for a given product is shown on the lot-specific Technical Data Sheet.
Dry Ice Note	The product may be shipped with dry ice, and an additional fee may be added to your shipping cost.
Preparation and Storage	Recombinant proteins in solution are temperature sensitive and must be stored at -80 degree C to prevent degradation. Avoid repeated freeze/thaw cycles and keep on ice when not in storage. Shipping Temp: Dry Ice

IMAGES



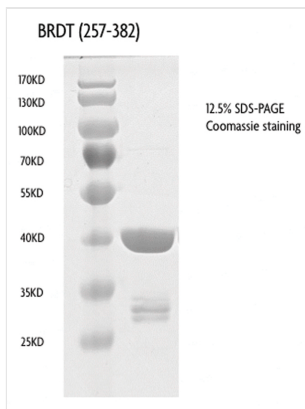
Application Data

Recombinant BRDT (257-382) HTRF activity assay. 3.3 uM histone peptide H4K5/8/12/16(4Ac) was incubated with BRDT (257-382) protein in reaction buffer including 50 mM HEPES-NaOH pH 7.0, 0.1% BSA for 1 hour at room temperature. Anti-GST antibody was used to detect reaction products.



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SDS-PAGE

Recombinant BRDT (257-382), GST-Tag protein gel. BRDT (257-382), GST-Tag protein was run on an SDS-PAGE gel and stained with Coomassie blue.

ADDITIONAL INFORMATION

Related Product Information for BRDT recombinant protein	Short Description: The peptide corresponding to amino acids 257-382 that contains the second bromodomain sequences of BRDT (accession number NP_997072.1) was expressed in E Coli and contains an N-terminal GST-Tag with an observed molecular weight of 42.8 kDa. The recombinant protein is >90% pure by SDS-PAGE. Background: BRDT is similar to the RING3 protein family. It possesses two bromodomain motifs and a PEST sequence (a cluster of proline, glutamic acid, serine, and threonine residues), characteristic of proteins that undergo rapid intracellular degradation. The bromodomain functions as a 'reader' of epigenetic histone marks and regulates chromatin structure and gene expression by linking associated proteins to the recognized acetylated nucleosomal targets.
Product Categories/Family for BRDT recombinant protein	Recombinant Proteins ; Bromodomain

NCBI AND UNIPROT INFORMATION

NCBI GI #	46399200
NCBI GeneID	676
NCBI Accession #	NP_997072.1
NCBI GenBank Nucleotide #	NM_207189.2
UniProt Accession #	Q58F21 ; O14789 ; Q6P5T1 ; Q7Z4A6 ; Q8IWI6 ; Q05DQ4
Molecular Weight	107,954 Da
NCBI Official Full Name	bromodomain testis-specific protein isoform b
NCBI Official Synonym Full Names	bromodomain, testis-specific
NCBI Official Symbol	BRDT
NCBI Official Synonym Symbols	CT9; BRD6
NCBI Protein Information	bromodomain testis-specific protein; OTTHUMP00000011809; OTTHUMP00000011810; OTTHUMP000000197577; RING3-like protein; cancer/testis antigen 9
UniProt Protein Name	Bromodomain testis-specific protein
UniProt Gene Name	BRDT
UniProt Synonym Gene Names	CT9

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/brdt-recombinant-protein-e-coli/59712>