

Recombinant Human BRDT protein, His-tagged

Cat. No. BRDT-2755H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human BRDT protein(793-926 aa), fused with N-terminal His tag, was expressed in E.coli.
Species	Human
Source	E.coli
ProteinLength	793-926 aa
Form	The purified protein was lyophilized from sterile phosphate-buffered saline (PBS: 58 mM Na ₂ HPO ₄ , 17 mM NaH ₂ PO ₄ , 68 mM NaCl, pH 7.4). Prior to lyophilization, 5% (w/v) trehalose and 5% (w/v) mannitol were incorporated as cryoprotective excipients. The protein was eluted with a buffer containing 300 mM imidazole.
AASequence	MPVQKDIKIKNADSWKSLGKPKPSGVMKSSDELFNQFRKAAIEKEVKARTQELIRK HLEQNTKELKASQENQRDLGNLTVESFSNKIQNKCSGEEQKEHQQSSEAQDKSK LWLLKDRDLARQKEQERRRREAM
Purity	85%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Storage	Store at 2-8°C for 1-2 weeks. Aliquot and store at -20°C to -80°C for up to 3 months, reconstitution with sterile water and addition of an equal volume of glycerol. Avoid repeat freeze-thaw cycles.
Reconstitution	Dissolve the product in 200 µl sterile water to achieve a working concentration of 0.25

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g/μl. If experimental compatibility allows, mix the aqueous solution with an equal volume of glycerol (1:1 ratio) after initial reconstitution.

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

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