

Recombinant Human BRD2 protein, His&FLAG-tagged

Cat. No. BRD2-4347H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human BRD2 protein (NM_005104.3)(344-455 aa) was expressed in E. coli and contains an N-terminal His-Tag and C-terminal FLAG-Tag.
Species	Human
Source	E.coli
ProteinLength	344-455 aa
Form	Supplied in 25 mM Tris pH 8.0, 150 mM NaCl, 10% glycerol, 1 mM TCEP.
Bio-activity	3 μ M histone peptide H4K5/8/12/16(4Ac) was incubated with BRD2 (344-455) protein in reaction buffer including 50mM HEPES-NaOH pH 7.0, 0.1% BSA for 1 hour at room temperature. Anti-Flag antibody was used to detect reaction products.
Molecular Mass	19.4 kDa
Purity	>90% pure by SDS-PAGE
Storage	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.
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.

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GENE INFORMATION

Gene Name	BRD2 bromodomain containing 2 [Homo sapiens]
Official Symbol	BRD2
Synonyms	BRD2; bromodomain containing 2; bromodomain-containing protein 2; D6S113E; FSRG1; KIAA9001; NAT; RING3; O27.1.1; bromodomain-containing 2; really interesting new gene 3 protein; female sterile homeotic-related gene 1; FSH; RNF3; FLJ31942; DKFZp686N0336;
Gene ID	6046
mRNA Refseq	NM_001113182
Protein Refseq	NP_001106653
MIM	601540
UniProt ID	P25440

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