Recombinant Human BRD2 protein, GST-tagged

Cat. No. BRD2-4346H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human BRD2 protein(NP_005095.1)(71-194 aa) was expressed in E.coli and contains an N-terminal GST tag.
Species	Human
Source	E.coli
ProteinLength	71-194 aa
Form	Supplied in 25 mM Tris pH 8.0, 300 mM NaCl, 10% glycerol.
Bio-activity	3 μM histone H4K5/8/12/16(ac4) peptide was incubated with different concentrations of BRD2 (71-194), GST-tag protein in a 10 μl reaction system containing 50 mM HEPES-NaOH pH 7.4, 0.1% BSA for 1 hour, then 10 μl 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.
Molecular Mass	41 kDa
Purity	> 85%
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.

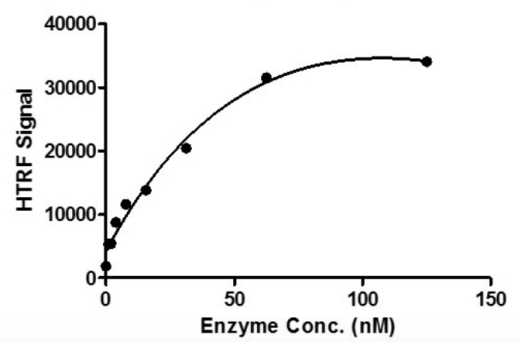
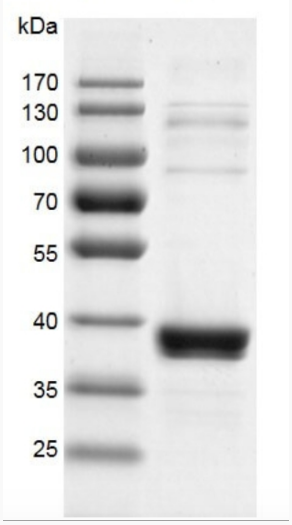
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Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

Gene Name	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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Activity	
SDS-PAGE	

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