

Recombinant Human BRD2 protein, GST-tagged

Cat. No. BRD2-4348H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human BRD2 protein(NP_005095.1)(344-455 aa) was expressed in E. coli and contains an N-terminal GST tag.
Species	Human
Source	E.coli
ProteinLength	344-455 aa
Form	Supplied in 25 mM Tris pH 8.0, 300 mM NaCl, 10% glycerol.
Bio-activity	3 μ M histone H4K5/8/12/16(ac4) peptide was incubated with different concentrations of BRD2 (344-455), GST-tag protein in 10 μ l reaction system containing 50 mM HEPES-NaOH pH 7.4, 0.1% BSA for 1 hour, then 10 μ 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.
Molecular Mass	40.3 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

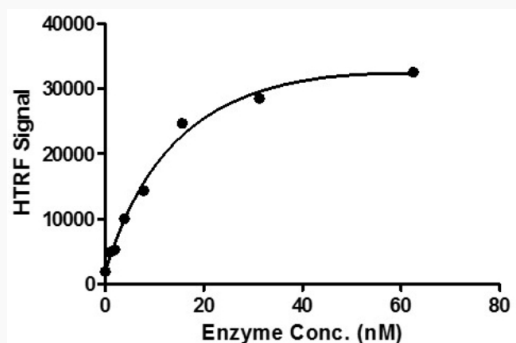
UniProt ID P25440

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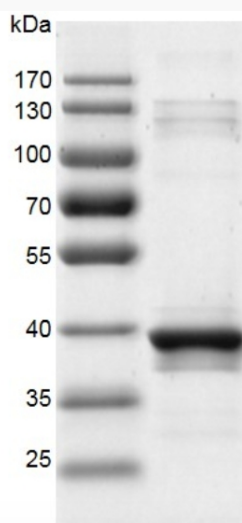
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Activity



SDS-PAGE



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