

# Recombinant Human BRD4 protein, His&FLAG-tagged

**Cat. No.** BRD4-4827H    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                                                                                          |
|-------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Human BRD4 protein(NM_058243.2)(44-168 aa) was expressed in E. coli and contains an N-terminal His-Tag and C-terminal FLAG-Tag.                                                                                              |
| <b>Species</b>          | Human                                                                                                                                                                                                                                    |
| <b>Source</b>           | E.coli                                                                                                                                                                                                                                   |
| <b>ProteinLength</b>    | 44-168 aa                                                                                                                                                                                                                                |
| <b>Form</b>             | Supplied in 25 mM Tris pH 8.0, 300 mM NaCl, 10% glycerol.                                                                                                                                                                                |
| <b>Bio-activity</b>     | 3.3 uM histone peptide H4K5/8/12/16(4Ac) was incubated with BRD4 (44-168) 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. |
| <b>Molecular Mass</b>   | 20 kDa                                                                                                                                                                                                                                   |
| <b>Purity</b>           | >90% pure by SDS-PAGE.                                                                                                                                                                                                                   |
| <b>Storage</b>          | 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.                                                    |
| <b>Reconstitution</b>   | 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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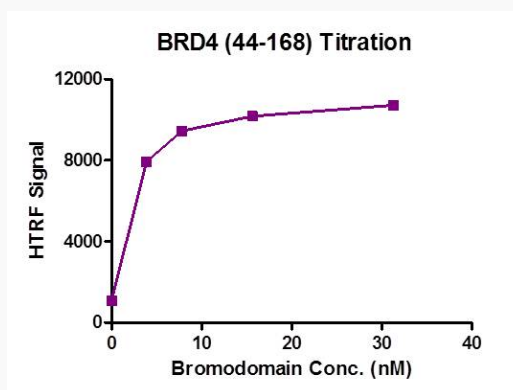
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## GENE INFORMATION

|                 |                                                                                                                                                                                    |
|-----------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Gene Name       | BRD4 bromodomain containing 4 [ Homo sapiens ]                                                                                                                                     |
| Official Symbol | BRD4                                                                                                                                                                               |
| Synonyms        | BRD4; bromodomain containing 4; bromodomain-containing protein 4; CAP; chromosome associated protein; HUNK1; HUNKI; MCAP; bromodomain-containing 4; chromosome-associated protein; |
| Gene ID         | 23476                                                                                                                                                                              |
| mRNA Refseq     | NM_014299                                                                                                                                                                          |
| Protein Refseq  | NP_055114                                                                                                                                                                          |
| MIM             | 608749                                                                                                                                                                             |
| UniProt ID      | O60885                                                                                                                                                                             |

### Activity

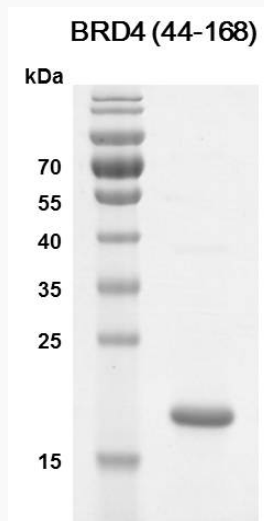


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SDS-PAGE



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