

Recombinant Human BRD4 protein, GST-tagged

Cat. No. BRD4-4828H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human BRD4 protein(accession number NM_490597.1)(44-168 aa) was expressed in E.coli and contains an N-terminal GST Tag.
Species	Human
Source	E.coli
ProteinLength	44-168 aa
Form	Supplied in 25 mM Tris pH 8.0, 300 mM NaCl, 10% glycerol.
Bio-activity	1 μ M histone H4K5/8/12/16(ac4) peptide was incubated with different concentrations of BRD4 (44-168), GST-tag protein in a 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	41.2 kDa
Purity	>90%
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 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

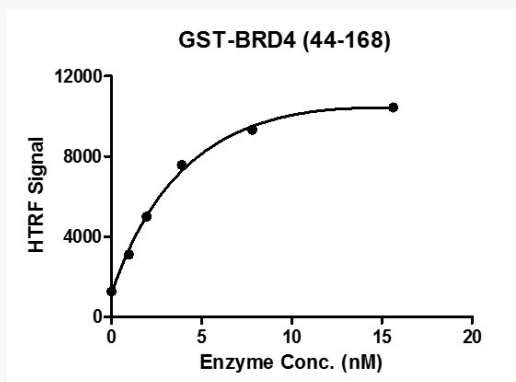
UniProt ID O60885

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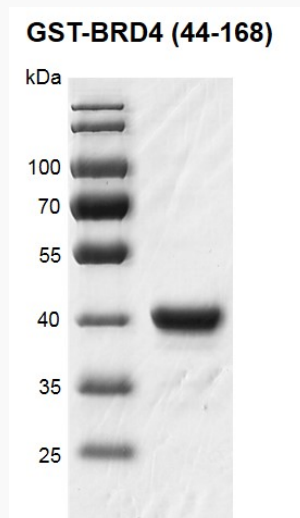
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Activity



SDS-PAGE



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