Recombinant Human BRD4 protein, His&FLAG-tagged

Cat. No. BRD4-4831H **Lot. No.** (See product label)

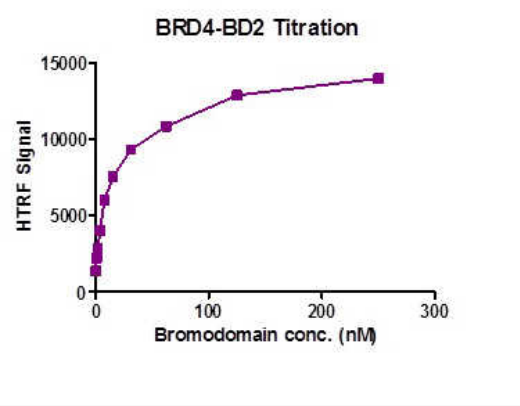
SPECIFICATION

Product Overview	Recombinant Human BRD4 protein(accession number NP_490597.1)(333-460 aa) was expressed in E. coli and contains an N-terminal His-Tag and C-terminal FLAG-Tag.
Species	Human
Source	E.coli
ProteinLength	333-460 aa
Form	Supplied in 25 mM Tris pH 7.5, 150 mM NaCl, 5% glycerol.
Bio-activity	3.3 uM histone peptide H4K5/8/12/16(4Ac) was incubated with BRD4 (333-460) 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	20.9 kDa
Purity	>87% 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

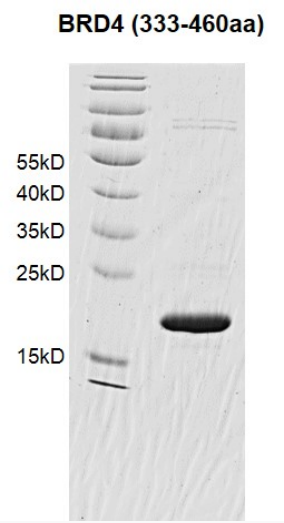
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	0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

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
Activity	

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