

## Recombinant Human Bromodomain-containing Protein 4 (BrD4, domain 342-460 aa)

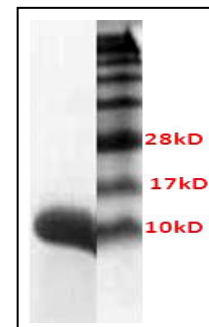
<b>CATALOG #:</b>	7644-20	20 µg
	7644-100	100 µg
	7644-1000	1 mg
<b>SOURCE:</b>	<i>E. coli</i>	
<b>PURITY:</b>	≥98% by SDS-PAGE	
<b>MOL. WEIGHT:</b>	12.4 kDa (119 aa, 342-460 aa + NT- His Tag)	
<b>FORMULATION:</b>	rh-BrD4 is supplied as a solution in 50 mM Tris, pH 8.0, 150 mM NaCl and 10% glycerol.	
<b>STORAGE CONDITIONS:</b>	Stable for 1 year at -80°C. Avoid multiple Freeze / thaw cycles as activity may decrease.	

**DESCRIPTION:**

BrD4 protein is homologous to the murine protein MCAP, which associates with chromosomes during mitosis, and to the human RING3 protein. Each of these proteins contains two bromodomains, a conserved sequence motif which may be involved in chromatin targeting. It plays a role in a process governing chromosomal dynamics during mitosis. BioVision's BrD4 recombinant protein includes Bromo 2 domain (342-460 aa) with a N-terminal His-tag.

**APPLICATION AND USAGE:**

BrD4 is useful in studying bromodomain binding assays, screening inhibitors and selectivity profiling.



SDS-PAGE (15%) of purified BrD4 protein: Lane 1, BrD4 protein (342-460 aa); Lane 2, protein marker.

**RELATED PRODUCTS:**

- Recombinant Human BrdT (Cat. No. 7641-20, 100, -1000)
- Bromodomain Inhibitor, (+)-JQ1 (Cat. No. 2070-1, -5)
- BRD8 Antibody (Cat. No. 3738-100)
- BRD8 Antibody (Cat. No. 3506-100)
- BRD8 Blocking Peptide (Cat. No. 3506BP-50)
- EZSolution™ (+)-JQ1 (Cat. No. 2091-1)
- I-BET151 (Cat. No. 2220-1, -5)
- PFI-1 (Cat. No. 2203-1, -5)

**FOR RESEARCH USE ONLY! Not to be used on humans.**