

Recombinant Human Bromodomain-containing Protein 4 (BrD4, domain 49-170aa)

CATALOG #: 7643-20 20 µg
7643-100 100 µg
7643-1000 1 mg

ALTERNATE NAMES: BRD4, Protein HUNK1, HUNK1

SOURCE: *E. coli*

PURITY: ≥98% by SDS-PAGE

MOL. WEIGHT: 14.6 kDa (122 aa, 49-170 aa)

FORMULATION: rh-BrD4 is supplied as a solution in 50mM Tris, pH 8.0, 150 mM NaCl and 10% glycerol.

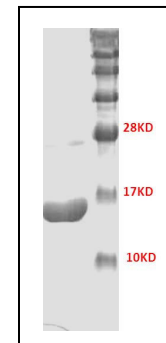
STORAGE CONDITIONS: Stable for 1 year at -80°C. Avoid multiple freeze/thaw cycles as activity may decrease.

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 (49-170 aa) with an N-terminal His-tag.

APPLICATION AND USAGE:

BRD4 is useful in studying bromodomain binding assays, screening inhibitors and selectivity profiling.



SDS-PAGE (15%) gel of purified BrD4 protein. Lane 1: BrD protein (49-170aa); Lane 2: protein marker.

RELATED PRODUCTS:

- Recombinant Human BrdT (Cat. No. 7641-20, 100, -1000)
- Recombinant Human BRD4 (Cat. No. 7644-20, 100, -1000)
- Human recombinant BRD1 bromodomain (Cat. No. 7645-20, 100)
- Human recombinant BRD2 bromodomains 1 (Cat. No. 7646-20, 100)
- Human recombinant BRD2 bromodomain 1 and 2 (Cat. No. 7647-20, 100)
- Human recombinant BRD2 bromodomain 2 (Cat. No. 7648-20, 100)
- Human recombinant BRD9 bromodomain (Cat. No. 7649-20, 100)
- 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.