

CREB Binding Protein bromodomain (1081-1197 aa) (GST-tagged), Human recombinant

CATALOG #: 7659-20 20 µg
7659-100 100 µg

ALTERNATE NAMES: cAMP-responsive element-binding protein 1 CREB-1; CBP; CREBBP

SOURCE: E.Coli

PURITY: ≥95% by SDS - PAGE

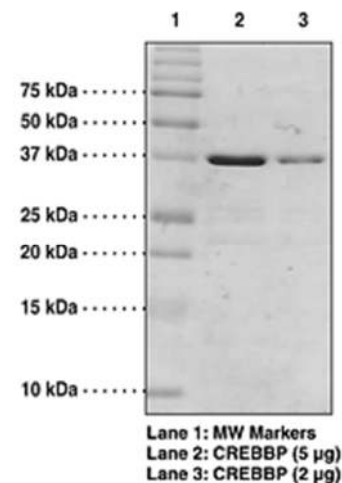
MOL. WEIGHT: 40.8 kDa (1081-1197 aa + NT GST Tag)

FORMULATION: 50 mM Tris, pH 7.5, containing 500 mM sodium chloride, 5 mM β-mercaptoethanol and 5% glycerol.

STORAGE CONDITIONS: Store at -80°C. Avoid repeated freeze and thaw cycles. Stable for 1 year.

DESCRIPTION:

The acetylation of histone lysine residues plays a crucial role in the epigenetic regulation of gene transcription. A bromodomain is a protein domain that recognizes acetylated lysine residues such as those on the N-terminal tails of histones. This recognition is often a prerequisite for protein-histone association and chromatin remodeling. These domains function in the linking of protein complexes to acetylated nucleosomes, thereby controlling chromatin structure and gene expression. Thus, bromodomains serve as “readers” of histone acetylation marks regulating the transcription of target promoters. The cAMP response element-binding protein (CREB) binding protein (CREBBP) bromodomain has been shown to modulate the stability and function of the tumor suppressor protein p53. CREBBP bromodomain recognizes the acetylated lysine residue 382 on p53. This product contains the bromodomain region of CREBBP



Human Recombinant CREB Binding Protein bromodomain

RELATED PRODUCTS:

- Recombinant Human BrdT (Cat. No. 7641-20, 100, -1000)
- Human recombinant BRG1 bromodomain (Cat. No. 7650-20, 100)
- 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)
- BRD3 bromodomain 1, Human recombinant (Cat. No. 7652-20, 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 in humans.