

# Recombinant human BRD1 protein

Catalog Number: ATGP2867

## PRODUCT INFORMATION

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### Expression system

E.coli

### Domain

556-688aa

### UniProt No.

O95696

### NCBI Accession No.

NP\_055392

### Alternative Names

Bromodomain-containing protein 1, Bromodomain-containing protein 1, BRL, BRPF1, BRPF2.

## PRODUCT SPECIFICATION

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### Molecular Weight

17.8 kDa (156aa) confirmed by MALDI-TOF

### Concentration

0.5mg/ml (determined by Bradford assay)

### Formulation

Liquid in. Phosphate-Buffered Saline (pH 7.4) containing 10% glycerol

### Purity

> 95% by SDS-PAGE

### Tag

His-Tag

### Application

SDS-PAGE

### Storage Condition

Can be stored at +2C to +8C for 1 week. For long term storage, aliquot and store at -20C to -80C. Avoid repeated freezing and thawing cycles.

## BACKGROUND

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### Description

BRD contains a bromodomain, a sequence motif often found in transcriptional coactivators, and localizes to the nucleus in testis and several other cell types. Recombinant human BRD1 protein, fused to His-tag at N-terminus, was expressed in E. coli and purified by using conventional chromatography techniques.

### Amino acid Sequence

<MGSSHHHHHH SGLVPRGSH MGS>EQVAMEL RLTPLVLLR SVLDQLQDKD PARIFAQPVS LKEVPDYLDH  
IKHPMDFATM RKRLEAQGYK NLHEFEEDFD LIIDNCMKYN ARDTVYRRA VRLRDQGGVV LRQARREVDS IGLEEASGMH

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LPERPA

## General References

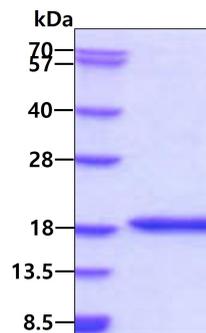
Doyon Y., et al (2006). Mol. Cell 21:51-64

Qin S., et al (2011). J. Biol. Chem. 286:36944-36955

## DATA

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### SDS-PAGE



3ug by SDS-PAGE under reducing condition and visualized by coomassie blue stain.