

# Recombinant human BRD1 protein

Catalog Number: ATGP2867

## PRODUCT INFORMATION

**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

**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**

&gt; 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

**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 SSGLVPRGSH MGS>EQVAMEL RLTPLTVLLR SVLDQLQDKD PARIFAQPVS LKEVPDYLDH  
IKHPMDFATM RKRLEAQGYK NLHEFEEDFD LIIDNCMKYN ARDTVFYRAA VRLRDQGGVV LRQARREVDS IGLEEASGMH

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LPERPA

### General References

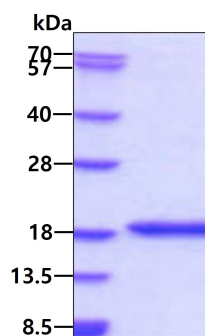
Doyon Y., et al (2006). Mol. Cell 21:51-64

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.