

## **Product datasheet for AR51687PU-S**

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## BRD1 (556-688, His-tag) Human Protein

**Product data:** 

**Product Type:** Recombinant Proteins

**Description:** BRD1 (556-688, His-tag) human recombinant protein, 0.1 mg

Species: Human
Expression Host: E. coli

**Expression cDNA Clone** 

or AA Sequence:

MGSSHHHHHH SSGLVPRGSH MGSEQVAMEL RLTPLTVLLR SVLDQLQDKD PARIFAQPVS LKEVPDYLDH IKHPMDFATM RKRLEAQGYK NLHEFEEDFD LIIDNCMKYN ARDTVFYRAA

VRLRDQGGVV LRQARREVDS IGLEEASGMH LPERPA

Tag: His-tag

Predicted MW: 17.8 kDa

Concentration: lot specific

Purity: >95% by SDS - PAGE

**Buffer:** Presentation State: Purified

State: Liquid purified protein

Buffer System: Phosphate buffer saline (pH 7.4) containing 10% glycerol 1 mM DTT

**Preparation:** Liquid purified protein

**Protein Description:** Recombinant human BRD1 protein, fused to His-tag at N-terminus, was expressed in E.coli

and purified by using conventional chromatography techniques.

Storage: Store undiluted at 2-8°C for one week or (in aliquots) at -20°C to -80°C for longer. Avoid

repeated freezing and thawing.

**Stability:** Shelf life: one year from despatch.

**RefSeq:** NP 001291737

**Locus ID:** 23774

UniProt ID: <u>095696, A0A024R4V5</u>

Cytogenetics: 22q13.33

Synonyms: BRL; BRPF1; BRPF2





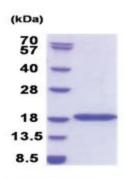
**Summary:** 

This gene encodes a bromodomain-containing protein that localizes to the nucleus and can interact with DNA and histone tails. The encoded protein is a component of the MOZ/MORF acetyltransferase complex and can stimulate acetylation of histones H3 and H4, thereby potentially playing a role in gene activation. Variation in this gene is associated with schizophrenia and bipolar disorder in some study populations. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Mar 2017]

**Protein Families:** 

Druggable Genome, Transcription Factors

## **Product images:**



15% SDS-PAGE (3ug)