

## Product datasheet for **AR51687PU-N**

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

#### Product data:

Product Type:	Recombinant Proteins
Description:	BRD1 (556-688, His-tag) human recombinant protein, 0.5 mg
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	MGSSHHHHHH SSGLVPRGSH MGSEQVAMEL RLTPLVLLR SVLDQLQDKD PARIFAQPVSLKEVPDYLDH IKHPMDFATM RKRLEAQGYK NLHEFEEDFD LIIDNCMKYN ARDTVFYRAAVRLRDQGGVV LRQARREVDV IGLLEEASGMH 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:	<a href="#">NP_001291737</a>
Locus ID:	23774
UniProt ID:	<a href="#">O95696</a> , <a href="#">A0A024R4V5</a>
Cytogenetics:	22q13.33
Synonyms:	BRL; BRPF1; BRPF2



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**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:**