

Product datasheet for AR51687PU-N

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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, 0.5 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</u>, <u>A0A024R4V5</u>

Cytogenetics: 22q13.33

Synonyms: BRL; BRPF1; BRPF2





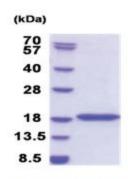
Summary:

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)