

Recombinant Human BRD1 protein, His & GST-tagged

Cat. No. BRD1-1403H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human BRD1 aa. (Gln579~Asp1058 (Accession # O95696) fused with N-terminal His & GST tag was produced in E. coli cells.
Species	Human
Source	E.coli
ProteinLength	Gln579~Asp1058
Description	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.
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 83.4kDa.
Endotoxin	<1.0EU per 1g (determined by the LAL method)
Purity	>90%
Characteristic	The isoelectric point is 7.7.

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Applications	SDS-PAGE; WB; ELISA; IP.
Stability	The thermal stability is described by the loss rate of the target protein. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. (Referring from China Biological Products Standard, which was calculated by the Arrhenius equation.) The loss of this protein is less than 5% within the expiration date under appropriate storage condition.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.
Storage buffer	Supplied as lyophilized form in PBS, pH7.4, containing 5% trehalose, 0.01% sarcosyl.
Reconstitution	Reconstitute in sterile PBS, pH7.2-pH7.4.

GENE INFORMATION

Gene Name	BRD1 bromodomain containing 1 [Homo sapiens (human)]
Official Symbol	BRD1
Synonyms	BRD1; bromodomain containing 1; BRL; BRPF1; BRPF2; bromodomain-containing protein 1; BR140-like protein; bromodomain and PHD finger-containing protein 2
Gene ID	23774
mRNA Refseq	NM_001304808.2
Protein Refseq	NP_001291737.1

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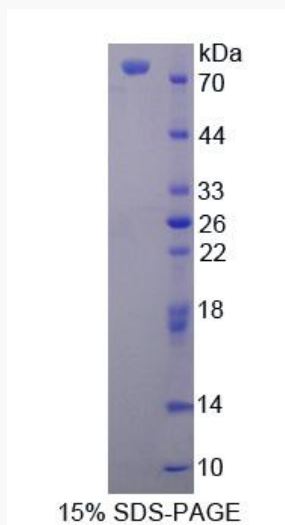
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UniProt ID

O95696

SDS-PAGE



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