

Native Human BRD2 Protein, GMP Grade

Product Information

Cat#

BRD2-073THP

Common Name

BRD2

Product Name

Native Human BRD2 Protein, GMP Grade

Product Overview

Native Human BRD2 Protein was purified from Human Urine and was produced in an animal component free process under cGMP guidelines.

Description

This gene encodes a transcriptional regulator that belongs to the BET (bromodomains and extra terminal domain) family of proteins. This protein associates with transcription complexes and with acetylated chromatin during mitosis, and it selectively binds to the acetylated lysine-12 residue of histone H4 via its two bromodomains. The gene maps to the major histocompatibility complex (MHC) class II region on chromosome 6p21.3, but sequence comparison suggests that the protein is not involved in the immune response. This gene has been implicated in juvenile myoclonic epilepsy, a common form of epilepsy that becomes apparent in adolescence. Multiple alternatively spliced variants have been described for this gene.

Source

Human Urine

Species

Human

Bio-activity

75 unit/vial

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Molecular Mass

980.162 Da

AA Sequence

APDVQDCPECTLQENPFFSQPGAPILQCMGCCFSRAYPTPLRSKKTMLVQKNVTSESTCCVAKSYNRVTVM
GGFKVENHTACHCSTCYHKSNSCELTNITIAIEKEECRFCISINTWCAGYCYTRDLVYKDPARPKIQKTCTFKE
LVYETVRVPGCAHHADSLYTPVATQCHCGKCDSSTDCTVRGLGPSYCSFGEMKE

Endotoxin

<0.001 EU/μg by the LAL method

Applications

For treatment of female infertility.

Usage

Female infertility

Gene Name

[BRD2 bromodomain containing 2 \[Homo sapiens \(human\) \]](#)

Official Symbol

[BRD2](#)

Synonyms

BRD2; bromodomain containing 2; bromodomain-containing protein 2; D6S113E; FSRG1;
KIAA9001; NAT; RING3; O27.1.1; bromodomain-containing 2; really interesting new gene 3
protein; female sterile homeotic-related gene 1; FSH; RNF3; FLJ31942; DKFZp686N0336;

GeneID

[6046](#)

mRNA Refseq

[NM_001113182](#)

Protein Refseq



CREATIVE **BIOMART**
GMP Proteins

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[NP_001106653](#)

MIM

[601540](#)

UniProt ID

[P25440](#)
