

Recombinant Human BRD2 Protein, His-tagged

Cat. No. BRD2-01H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human recombinant BRD2, bromodomain-2 (residues 344-454) expressed in E. coli with an N-terminal His-tag.
Species	Human
Source	E.coli
ProteinLength	344-454 a.a.
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.
Molecular Mass	15.7 kDa
Purity	> 80% by SDS-PAGE
Storage	At -80 centigrade, aliquot and snap-freeze after first use.

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Storage Buffer

Solution of purified recombinant protein in 20 mM Tris pH 7.5, 150 mM NaCl, 1.0 mM TCEP, 10% glycerol (v/v) as determined by OD280

GENE INFORMATION
Gene Name

BRD2 bromodomain containing 2 [Homo sapiens (human)]

Official Symbol

BRD2

Synonyms

BRD2; bromodomain containing 2; FSH; NAT; RNF3; FSRG1; RING3; D6S113E; O27.1.1; BRD2-IT1; bromodomain-containing protein 2; BRD2 intronic transcript 1; female sterile homeotic-related gene 1; really interesting new gene 3 protein

Gene ID

6046

mRNA Refseq

NM_005104

Protein Refseq

NP_005095

MIM

601540

UniProt ID

P25440

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