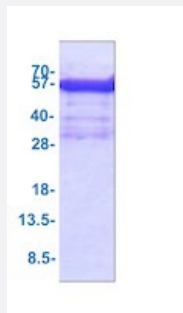


BRD2 (Human) Recombinant Protein

Catalog # P7726 Size 500 ug

Applications



SDS-PAGE analysis of BRD2 (Human) Recombinant Protein

Specification

Product Description	Human BRD2 (NP_005095, 1 a.a. - 455 a.a) partial recombinant protein with His tag expressed in <i>Escherichia coli</i> .
Sequence	MGSSHHHHHHSSGLVPRGSHMGSMQLQNVTPHNKLPGEAGNAGLLGLGPEAAAPGKRIRKPSLLY EGFESPTMASVPALQLTPANPPPPEVSNPKKPGRVTNQLQYLHKVVMKALWKHQFAWPFRQPV DAVKLGLPDYHKIHKQPMDMGTIKRRENNYYWAASECMDQFNTMFTNCYINKPTDDIVLMAQTLE KIFLQKVASMPQEEQELVVTIPKNSHKKGAKLAALQGSVTSAHQVPAVSSVSHTALYTPPEIPTT VLNIPHPSVISSPLLKSLHSAGPPLAVTAAPPAQPLAKKKGVKRKADTTTPTTAILAPGSPASPP GSLEPKAARLPPMRRESGRPIKPPRKDLPDSQQQHQSCKGKLSEQLKHCNGILKELLSKKHAA YAWPFYKPVDAALGLHDYHDIKHPMDLSTVKRKMENRDYRDAQEFAADVRLMFSNCKYKYNPP DHDVVAMARKLQDVFEFRYAKMPD
Host	<i>Escherichia coli</i>
Theoretical MW (kDa)	52.8
Form	Liquid
Preparation Method	<i>Escherichia coli</i> expression system
Concentration	1mg/mL
Purity	> 90% by SDS-PAGE

Quality Control Testing

3ug by SDS-PAGE under reducing condition and visualized by coomassie blue stain.
SDS-PAGE analysis of BRD2 (Human) Recombinant Protein

Recommend Usage

SDS-PAGE
The optimal working dilution should be determined by the end user.

Storage Buffer

In PBS, pH 7.4 (1 mM DTT, 10% glycerol).

Storage Instruction

Store at 2°C to 8°C for 1 week. For long term storage, aliquot and store at -20°C to -80°C.
Aliquot to avoid repeated freezing and thawing.

Applications

- SDS-PAGE

Gene Info — BRD2

Entrez GeneID

[6046](#)

Protein Accession#

[P25440](#)

Gene Name

BRD2

Gene Alias

D6S113E, DKFZp686N0336, FLJ31942, FSH, FSRG1, KIAA9001, NAT, RING3, RNF3

Gene Description

bromodomain containing 2

Omim ID

[601540](#)

Gene Ontology

[Hyperlink](#)

Gene Summary

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, but the full-length nature of some of these variants has not been determined. [provided by RefSeq]

Other Designations

OTTHUMP00000029350|bromodomain-containing 2|female sterile homeotic-related gene 1

Disease

- [Abortion](#)
- [Alzheimer disease](#)
- [Cerebral Amyloid Angiopathy](#)
- [Epilepsy](#)
- [Genetic Predisposition to Disease](#)
- [Lupus Erythematosus](#)
- [Myoclonic Epilepsy](#)
- [Neuroblastoma](#)
- [Oligospermia](#)
- [Photosensitivity Disorders](#)