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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Datasheet

BRD2 (Human) Recombinant Protein (P01)

Catalog Number: H00006046-P01

Regulation Status: For research use only (RUO)

Product Description: Human BRD2 full-length ORF (NP_005095.1, 1 a.a. - 801 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence:

MLQNVTPHNKLPGEENAGLLGLGPEAAAPGKRIRKPS
LLYEGFESPTMASVPALQLTPANPPPPEVSNPKKPGR
VTNQLQYLHKVVMKALWKHQFAWPFQRQVDAVKLGL
PDYHKIHKQPMDMGTIKRRENNYYWAASECMQDFNT
MFTNCYIYNKPTDDIVLMAQTLEKIFLQKVASMPQEEQ
ELVVTIPKNSHKKGAKLAALQGSVSAHQVPAVSSVSH
TALYTPPPEIPTTVLNIPHSVISSPLLKSLHSAGPPLLA
VTAAPPAQPLAKKKGVKRKADTTTPTTAILAPGSPAS
PPGSLEPKAARLPPMRRESGRPIKPPRKDLPDSQQQH
QSSKKGKLSQLKHCNGILKELLSKHAAYAWPFYKP
VDASALGLHDYHDIKHPMDLSTVKRKMENRDYRDAQ
EFAADVRLMFSNCKYKYNPPDHDVVAMARKLQDVFEF
RYAKMPDEPLEPGPLPVSTAMPPLAKSSSESSESSES
SSESSEEEEEDEEDEEEEESESSDSEEEERAHRLAE
LQEQLRAVHEQLAALSQGPISKPKRKREKKEKKKRRK
AEKHRGRAGADEDDKGPAPRPPQPKSKKASGSG
GGSALGPSGFGPSGGSGTKLPKATKTAPPALPTGY
DSEEEEESRPMSYDEKRQLSLDINKLPGEKLGRRVHII
QAREPSLRDSNPEEIEIDFETLKPSTLRELERYVLSCLR
KKPRKPYTIKKPVGKTKEELALEKKRELEKRLQDVSGQ
LNSTKKPPKANENEKTESSAQQVAVSRLSASSSSSDS
SSSSSSSSSDTSDSDSG

Host: Wheat Germ (in vitro)

Theoretical MW (kDa): 114.5

Applications: AP, Array, ELISA, WB-Re
(See our web site product page for detailed applications information)

Protocols: See our web site at
<http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

Preparation Method: [in vitro wheat germ expression system](#)

Purification: Glutathione Sepharose 4 Fast Flow

Storage Buffer: 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

Storage Instruction: Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Entrez GeneID: 6046

Gene Symbol: BRD2

Gene Alias: D6S113E, DKFZp686N0336, FLJ31942, FSH, FSRG1, KIAA9001, NAT, RING3, RNF3

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]