



# Recombinant Rat Bromodomain-containing protein 2 (Brd2)

<b>Product Code</b>	CSB-BP761061RA
<b>Abbreviation</b>	Brd2
<b>Storage</b>	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
<b>Uniprot No.</b>	Q6MGA9
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Rattus norvegicus (Rat)
<b>Purity</b>	>85% (SDS-PAGE)
<b>Sequence</b>	MLQNVTPHKL PEGNAGLLG LGPEAAAPGK RIRKPSLLYE GFESPTMASV PALQLAPANP PPPEVSNPKK PGRVTNQLQY LHKVVMKALW KHQFAWPFRQ PVDAVKLGLP DYHKIIKQPM DMGTIKRRLE NNYWAASEC MQDFNTMFTN CYIYNKPTDD IVLMAQTLEK IFLQKVASMP QEEQELVVTI PKNSHKKGAK LAALQGSITS AHQVPAVSSV SHTALYTPPP EIPTTVLNIP HPSVISSPLL KSLHSAGPPL LAVSAAPPAQ PLAKKKGVKR KADTTTPTPT AILAPGSPAS PPGSLEPKAA RLPPMRRESG RPIKPPRKDL PDSQQQHQS KKGKLSEQLK HCNGILKELL SKKHAAYAWP FYKPVDSAL GLHDYHDIK HPMDLSTVCR KMENRDYRDA QEFAADVRLM FSNCYKYNPP DHDVVAMARK LQDVFEFRIA KMPDELEPG PLPVSTALPP GLAKSSSESS SEESSSESS EEEEEEDEED EEEEESESSDS EEERHRLAE LQEQLRAVHE QLAALSQGP SKPKRKREK EKKKKRKA EK HRGRIGIDED DKGPRAPRPL QPKKSKKAGG GGSNATLSH PGFGTSAGSS NKLPKKAQKT APPVLPTGYD SEEEEESRPM SYDEKRQLSL DINKLPGEKL GRVVHIIQAR EPSLRDSNPE EIEIDFETLK PSTLRELERY VLSCLRKKPR KPYTIRKPVG KTKHEELALEK KRELEKRLQD VSGQLNSTKK PPKKASEKTE SSAQQVAVSR LSASSSSSDS SSSSSSSSSS DTSDSDSG
<b>Source</b>	Baculovirus
<b>Target Names</b>	Brd2
<b>Protein Names</b>	Recommended name: Bromodomain-containing protein 2 Alternative name(s): Protein RING3
<b>Expression Region</b>	1-798
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
<b>Tag Info</b>	Tag type will be determined during the manufacturing process.
<b>Protein Length</b>	full length protein
<b>Target Details</b>	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.

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**Reconstitution**

We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.

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**Shelf Life**

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