

Recombinant Human bromodomain containing 3, His-tagged

Cat. No. BRD3-688H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	BRD3, 1-416aa Human, His tag, E.coli
Species	Human
Source	E.coli
ProteinLength	1-416 a.a.
Description	BRD3 was identified based on its homology to the gene encoding the RING3 protein, a serine/threonine kinase. This protein localizes to 9q34, a region which contains several major histocompatibility complex (MHC) genes. The function of the encoded protein is not known. Recombinant human BRD3 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.
Form	Liquid. In PBS buffer (pH 7.4) containing 10% glycerol
Molecular Mass	48.1kDa (439aa) confirmed by MALDI-TOF
AA Sequence	MGSSHHHHHH SSGLVPRGSH MGSMSTATTV APAGIPATPG PVNPPPPEVS NPSKPGRKTN QLQYMQNVVV KTLWKHQFAW PFYQPVDAIK LNLDPYHKII KNPMDMGTIK KRLNNYYWS ASECMQDFNT MFTNCYIYNK PTDDIVLMAQ ALEKIFLQKV AQMPQEEVEL LPPAPKGKGR KPAAGAQSAQ TQQVAAVSSV SPATPFQSVPTVSQTPVIA ATPVPTITAN VTSVPVPPAA APPPPATPIV PVVPPTPPVV KKKGVKRRKAD TTTPTTSAIT ASRSESPPL SDPKQAKVVA

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RRESGGRPIK PPKKDLEDGE VPQHAGKKGK LSEHLRYCDS ILREMLSKKH
 AAYAWPFYKP VDAEAELELHD YHDIKHPMD LSTVKRKMDG REYPDAQGFA
 ADVRLMFSNC YKYNPPDHEV VAMARKLQDV FEMRFAKMP

Purity >85% by SDS - PAGE

Storage Can be stored at +4C short term (1-2 weeks). For long term storage, aliquot and store at -20C or -70C. Avoid repeated freezing and thawing cycles.

Concentration 0.5 mg/ml (determined by Bradford assay)

GENE INFORMATION

Gene Name BRD3 bromodomain containing 3 [Homo sapiens]

Official Symbol BRD3

Synonyms BRD3; bromodomain containing 3; bromodomain-containing protein 3; KIAA0043; ORFX; RING3 like; RING3L; RING3-like protein; bromodomain-containing 3; FLJ23227; FLJ41328;

Gene ID 8019

mRNA Refseq NM_007371

Protein Refseq NP_031397

MIM 601541

UniProt ID Q15059

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Chromosome Location	9q34
Function	molecular_function; protein binding;