

# Recombinant human BRD3 protein

Catalog Number: ATGP2911

## PRODUCT INFORMATION

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### Expression system

E.coli

### Domain

1-416aa

### UniProt No.

Q15059

### NCBI Accession No.

NP\_031397.1

### Alternative Names

Bromodomain-containing protein 3, Bromodomain-containing protein 3, ORFX, RING3L

## PRODUCT SPECIFICATION

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### Molecular Weight

48.1 kDa (439aa) confirmed by MALDI-TOF

### Concentration

0.5mg/ml (determined by Bradford assay)

### Formulation

Liquid in. Phosphate-Buffered Saline (pH 7.4) containing 10% glycerol

### Purity

> 90% by SDS-PAGE

### Tag

His-Tag

### Application

SDS-PAGE

### Storage Condition

Can be stored at +2C to +8C for 1 week. For long term storage, aliquot and store at -20C to -80C. Avoid repeated freezing and thawing cycles.

## BACKGROUND

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### 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.

### Amino acid Sequence

<MGSSHHHHHH SGLVPRGSH MGS>MSTATTV APAGIPATPG PVNPPPPEVS NPSKPGRKTN QLQYMQNVVV

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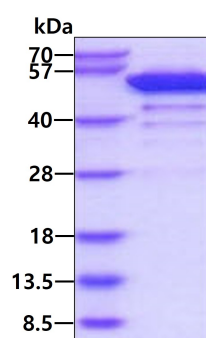
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ALEKIFLQKV AQMPQEEVEL LPPAPKGKGR KPAAGAQSAG TQQVAAVSSV SPATPFQSVV PTVSQTPVIA ATPVPTITAN  
VTSVPVPPAA APPPPATPIV PVPPTPPVV KKKGVKRRAD TTTPTTSAIT ASRSESPPL SDPKQAKVVA RRESGGRPIK  
PPKKDLEDGE VPQHAGKKGK LSEHLRYCDS ILREMLSKKH AAYAWPFYKP VDAEAELELHD YHDIKHPMD LSTVKRKMDG  
REYPDAAQGA ADVRLMFSNC YKYNPPDHEV VAMARKLQDV FEMRFAKMP

## General References

Zhou, M., et al. (2003) Ai Zheng 22 (2), 123-127

## DATA

### SDS-PAGE



3 $\mu$ g by SDS-PAGE under reducing condition and visualized by coomassie blue stain.