

Recombinant human BRD3 protein

Catalog Number: ATGP2911

PRODUCT INFORMATION

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

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

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 SSGLVPRGSH MGS>MSTATTV APAGIPATPG PVNPPPEVS NPSKPGRKTN QLQYMQNVVV

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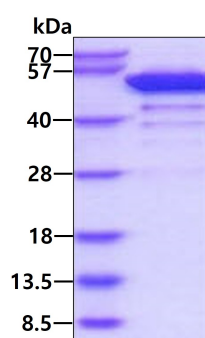
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VTSVPVPPAA APPPPATPIV PVVPPTPPVV KKKGVKRRAD TTTPTTSAIT ASRSESPPL SDPKQAKVVA RRESGGRPIK
PPKKDLEDGE VPQHAGKKKGK LSEHLRYCDS ILREMLSKKH AAYAWPFYKP VDAEAELEHD YHDIKHPMD LSTVKRKMDG
REYPDAGGA ADVRLMFSNC YKYNPPDHEV VAMARKLQDV FEMRFAKMP

General References

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

DATA

SDS-PAGE



3ug by SDS-PAGE under reducing condition and visualized by coomassie blue stain.