

Product Name: BRD4 (49-463)

Alternate Names: HUNK1

Product Code: TAP-070

FOR RESEARCH USE ONLY (RUO)

Verified Applications / Usage

BRD4 (49-463) is active in ternary complex formation assays using recombinant CRBN/DDB1 and the degrader molecule dBET-1.

Physical Characteristics

Species: Human

Predicted MW (kDa): 49 kDa

Source: *E. coli* BL21(DE3) A.I.

Purity: 95 %

Tag: N-AVI (Biotinylated)

Formulation: 40 mM HEPES, 100 mM NaCl, 10% Glycerol, 1 mM EDTA, 1 mM TCEP, pH 7.6

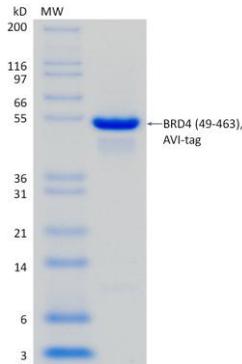
Shipping: The product is shipped with dry ice. Upon receipt, store it immediately at the temperature recommended below.

Stability/Storage: Use a manual defrost freezer and avoid repeated freeze-thaw cycles. Aliquot and store $\leq -70^{\circ}\text{C}$ (stable for 24 months from date of receipt).

Quality Assurance

Purity & SDS-PAGE

Protein ID: Bromodomain-containing protein 4



2 µg BRD4 (49-463) run on 4-12% SDS-PAGE gel under reducing conditions, then visualized with Colloidal Coomassie Blue Stain.

Activity Assay

Verified in Ternary Complex Assay.

Background

Description

Recombinant human BRD4 (49-463) is an N-terminal AVI-tagged (biotinylated) protein containing both bromodomains of Bromodomain-containing protein 4. This protein is useful in many *in vitro* applications, including proximity and ubiquitylation assays, SPR and other biophysical assays.

Accession Number: O60885

Entrez Gene ID: BRD4

Protein Sequence

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SFGLNDIFEAQKIEWHEGSETSNPNKPKRQTNQLQYLLRVVLKTLWKHQFAWPFQQPVDAVKL  
NLPDYKIKIKTPMDMGTIKKRLNENYWNQAQECIQDFNTMFTNCYIYNKPGDDIVLMAEALEK  
LFLQKINELPTEETEIMIVQAKGRGRGRKETGTAKPGVSTVPNTTQASTPPQTQTPQPNPPV  
QATPHFPFAVTPDLIVQTPVMTVPPQPLQTPPPVPPQPQPPAPAPQPVQSHPIIAATPQP  
VKTKKGVKRKADTTTPTTIDPIHEPPLPPEPKTTKLGQRRESSRPVKPPKDVPSQQHPAP  
EKSSKVSEQLKCCSGILKEMFAKKHAAYAWPFYKPVDEALGLHDYCDI IKHPMDMSTIKSKL  
EAREYRDAQEFGADVRLMFSNCYKYNPPDHEVVAMARKLQDVFEMRFAKMPDEPEE
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