

Product Name: BRD4 (49-463), AVI-tag

Alternate Names:

Product Code: TAP-070

Quantity: 100 µg

FOR RESEARCH USE ONLY (RUO)

Storage:

Use a manual defrost freezer and avoid repeated freeze-thaw cycles. Aliquot and store ≤ -70°C (stable for 24 months from date of receipt).

Verified Applications / Usage

BRD4 (49-463), AVI-tag is active in ternary complex formation assays using recombinant CRBN/DDB1 and the degrader molecule dBET1

Physical Characteristics

Species:

Predicted MW (kDa): 49 kDa

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

Purity: 95%

Concentration: 15 µM

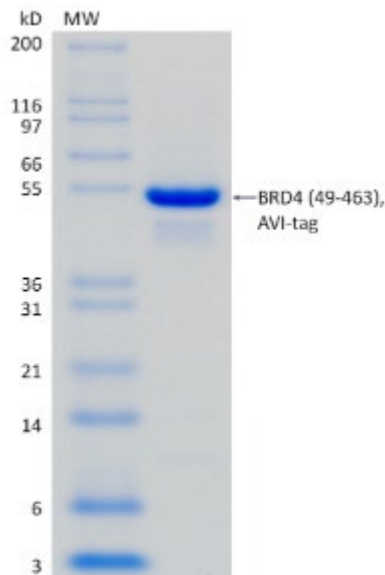
Formulation: 40 mM HEPES, 100 mM NaCl, 10% Glycerol, 1 mM EDTA, 1 mM TCEP, pH 7.6

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 ≤ -70°C (stable for 24 months from date of receipt).

Quality Assurance

Purity & SDS-PAGE



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

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.

Protein Sequence

SFGLNDIFEAQKIEWHEGSETSNPNKPKRQTNQLQYLLRVVLKTLWKH
QFAWPFQQPVDAVKLNLPDYYKIIKTPMDMGTIKKRENNYYWNAQECI
QDFNTMFTNCYIYNKPGDDIVLMAEALEKLFLQKINELPTEETEIMIVQAK
GRGRGRKETGTAKPGVSTVPNTTQASTPPQTQTPQPNPPPQATPHP
FPAVTPDLIVQTPVMTVVPPQPLQTPPPVPPQPQPPAPAPQPVSHP
IIAATPQPVKTKKGVKRKADTTTPTTIDPIHEPPSLPPEPKTTKLGRRES
SRPVKPPKKDVPDSQQHPAPEKSSKVSEQLKCCSGILKEMFAKKHAAY
AWPFYKPVDVEALGLHDYCDIHKHPMDMSTIKSKLEAREYRDAQEFGAD
VRLMFSNCYKYNPPDHEVVAMARKLQDVFEMRFAKMPDEPEE*