HUMAN BRD4 PROTEIN, HFC TAG

Cat.#: 11668

Product Name: Human BRD4 Protein

Size : 10 μg, 50 μg and 100 μg

Synonyms: CAP;HUNK1;HUNKI;MCAP

Target: BRD4

UNIPROT ID: O60885

Description: Recombinant human BRD4 protein with C-terminal human Fc tag

Background: The protein encoded by this gene is homologous to the murine protein MCAP, which associates with chromosomes during mitosis, and to the human RING3 protein, a serine/threonine kinase. Each of these proteins contains two bromodomains, a conserved sequence motif which may be involved in chromatin targeting. This gene has been implicated as the chromosome 19 target of translocation t(15;19)(q13;p13.1), which defines an upper respiratory tract carcinoma in young people. Two alternatively spliced transcript variants have been described. [provided by RefSeq, Jul 2008]

Species/Host: HEK293

Molecular Weight: The protein has a predicted molecular mass of 178.4 kDa after removal of the signal peptide.

Molecular Characterization: BRD4(Met1-Phe1362) hFc(Glu99-Ala330)

Purity: The purity of the protein is greater than 95% as determined by SDS-PAGE and Coomassie blue staining.

Formulation & Reconstitution: Lyophilized from nanodisc solubilization buffer (20 mM Tris-HCl, 150 mM NaCl, pH 8.0). Normally 5% – 8% trehalose is added as protectants before lyophilization.

Storage & Shipping: Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient temperature.

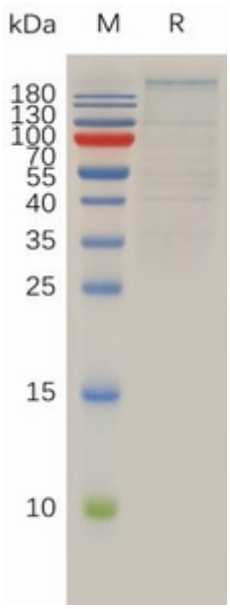

Figure 1. Human BRD4 Protein, hFc Tag on SDS-PAGE under reducing condition.