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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Data Sheet

BRD4 (BD2), His-tag

Human, recombinant, N-terminal His-tag

Catalog #: 31043

Lot #: 190509

Conc.: 2.38 mg/ml

Formulated in: 50 mM Tris-HCl, pH 8.0, 138 mM NaCl, 2.7 mM KCl, 0.05% Tween-20, and 10% glycerol.

Stability: At least 6 months at -80°C . Avoid freeze/thaw cycles.

References:

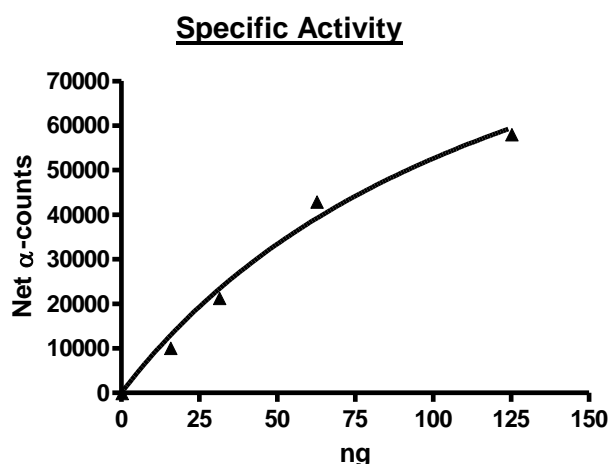
- Rodriguez, RM, *et al.*, *J Mol Med (Berl)*. 2012 May; **90(5)**:587-95.
- Voigt, P, *et al.*, *Genome Biol*. 2011 Nov 29; **12(11)**:133.

Description: Human BRD4 also known as Human Bromodomain containing 4, HUNK1, and MCAP, GenBank Accession No. NM_058243, a.a. 342-460 with N-terminal His-tag, expressed in an *E. coli* expression system. MW = 15 kDa.

Assay Conditions: BRD4 protein is incubated with biotinylated acetyl-histone peptide substrate 2.5 μM stock (BPS Bioscience #33000) in BRD assay buffer (BPS Bioscience #33001) in a 10 μl reaction for 1 hour at room temperature. AlphaLISA[®] Nickle acceptor beads (PerkinElmer) are added, followed by Alphascreen[®] Streptavidin-conjugated donor beads (PerkinElmer). After 1 hour of incubation at room temperature, Alphacounts are measured.

Application: Useful for the study of bromodomain binding assays, screening inhibitors and selectivity profiling.

Quality Assurance

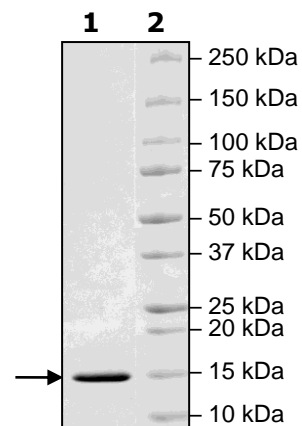


4-20% SDS-PAGE Coomassie staining

Lane 1:
2 μg BDR4(BD2)

Lane 2:
Protein Marker

MW: 15 kDa
Purity: $\geq 90\%$



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