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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Data Sheet

BRD2 (65-187)

Human, recombinant, N-terminal GST tag
Catalog #: 31021
 Lot #: 120216 Conc.: 0.89 mg/ml

Formulated in: 50 mM Tris-HCl, pH 8.0,
 138 mM NaCl, 2.7 mM KCl, 10% Glycerol, 3
 mM EDTA, 20 mM Glutathione, and 2 mM
 DTT.

Stability: >6 months at -80°C

References:

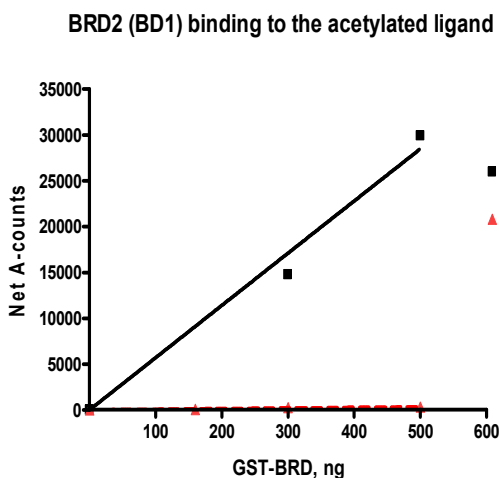
1. Umehara, T., *et al.*, *FEBS Lett.* 2010
 Sep 24; **584(18)**: 3901-3908.
2. Shang, E., *et al.*, *J Cell Biochem.* 2011
 Oct; **112(10)**: 2784-2793.

Description: Human Bromodomain containing 2, also known as BRD2, RING3 or RNF3, amino-acids 65 – 187 (GenBank Accession No. NM_005104) with N-terminal GST tag, MW = 41.4 kDa, expressed in an E. coli expression system.

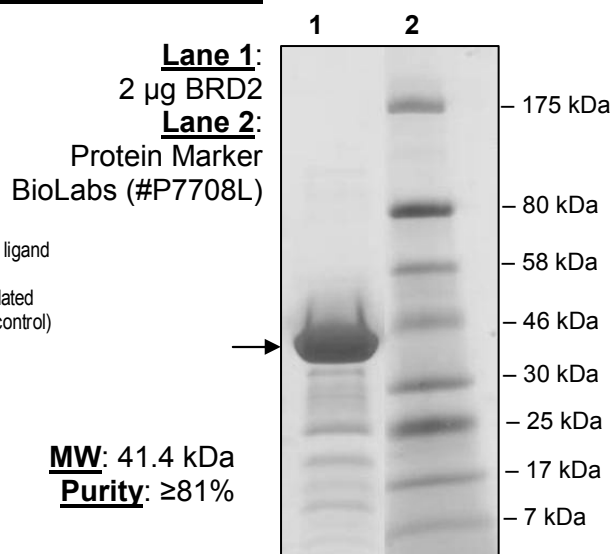
Assay Conditions: BRD2 is incubated with biotinylated acetyl-histone peptide substrate (BPS #33000) in BRD assay buffer (BPS #33001) in a 10 µl reaction for 1 hour at RT. AlphaLISA® GSH acceptor beads (Perkin Elmer) are added, followed by AlphaScreen® Streptavidin-conjugated donor beads (Perkin Elmer). After 1 hour incubation at RT, 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



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