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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

SZABO-SCANDIC HandelsgmbH

Quellenstraße 110, A-1100 Wien

T. +43(0)1 489 3961-0

F. +43(0)1 489 3961-7

mail@szabo-scandic.com

www.szabo-scandic.com

[linkedin.com/company/szaboscandic](https://www.linkedin.com/company/szaboscandic) 

Data Sheet

BRD3 (29-145)

Human, recombinant, N-terminal GST tag
Catalog #: 31032
 Lot #: 120216 Conc.: 0.97 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:

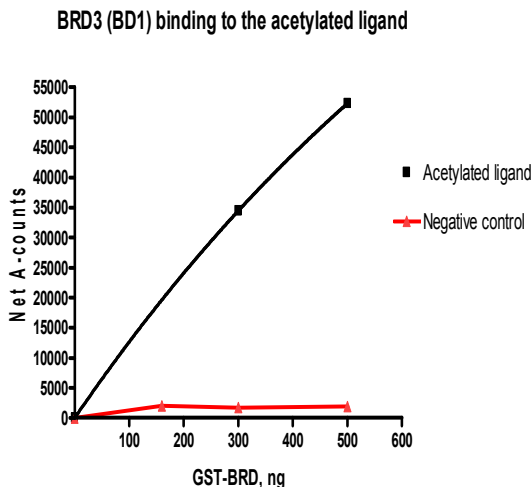
- Gamsjaeger, R., *et al.*, *Mol Cell Biol.* 2011 Jul; **31(13)**: 2632-2640.
- Lamonica, JM, *et al.*, *Proc Natl Acad Sci USA.* 2011 May 31; **108(22)**: E159-168.

Description: Human Bromodomain containing 3, also known as BRD3 or RING3L, amino-acids 29 – 145 (GenBank Accession No. NM_007371) with N-terminal GST tag, MW = 40.7 kDa, expressed in an E. coli expression system.

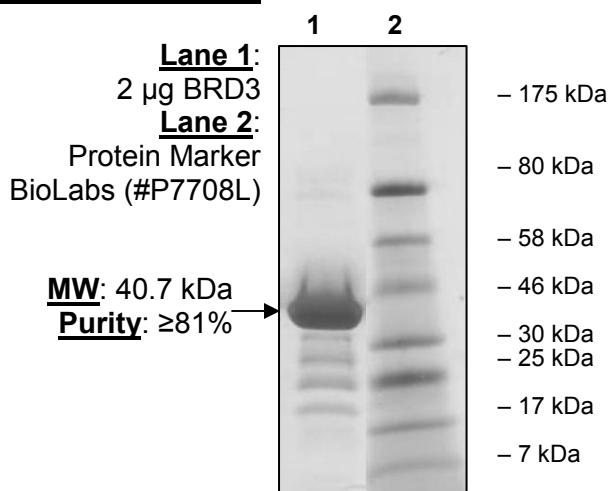
Assay Conditions: Enzyme was assayed according to BPS BRD3 (BD1) Assay Kit (Cat# 32513) protocol. BRD3 is incubated with biotinylated acetyl-histone peptide substrate (BPS #33000) in BRD assay buffer (BPS #33001) in a 10 µl reaction for 1 hour at RT. AlphaLISA® GSH acceptor beads (Perkin Elmer) are added, 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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