

## Product datasheet

# Recombinant Human BRD7 protein ab132508

[1 Image](#)

### Description

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<b>Product name</b>	Recombinant Human BRD7 protein
<b>Expression system</b>	Wheat germ
<b>Accession</b>	<u><a href="#">Q9NPI1</a></u>
<b>Protein length</b>	Full length protein
<b>Animal free</b>	No
<b>Nature</b>	Recombinant
<b>Species</b>	Human

<b>Sequence</b>	MGKKHKKHKSDKHL YEEYVEKPLKLVKVGNEVTELST GSSGHDSSLFE DKNDHDKHKDRKRKKRKKGEKQIPGEEKGRKRRRVKED KKKRDRDRVENE AEKDLQCHAPVRLDLPPEKPLTSSLAKQEEVEQTPLQEA LNQLMRQLQRK DPSAFFSFPVTDFIAPGYSMIIKHPMDFSTMKEKIKNNDYQ SIEELKDNF KLMCTNAMMYNKPETIYKAAKLLHSGMKILSQERIQSLKQ SIDFMADL QKTRKQKDGTDTSQSGEDGGCWQREREDSGDAEAHAF KSPSKENKKDKD MLEDKFKSNNLEREQQLDRVKESGGKLTRRLVNSQCE FERRKPDGTTT LGLLHPVDPIVGEPCYCPVRLGMITGRLQSGVNTLQGFKE DKRNK/TPVL YLNYPYSSYAPHYDSTFANISKDDSDLIYSTYGEDSDLPS DFSIEFLA TCQDYPYVMADSLLDVLTGGHSRTLQEMEMSLPEDEGH TRLDTAKEME ITEVEPPGRLDSSTQDRILKAVTNFGVPVEVFDSEAEI FQKKLDETT RLLRELQEAQNERLSTRPPPNMICLLGPSYREMHAEQVT NNLKELAQQV TPGDIVSTYGVKAMGISIPSPVMENNFVDLTEDTEEPKKT DVAECGPGG S
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<b>Predicted molecular weight</b>	97 kDa including tags
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**Amino acids** 1 to 651

## Specifications

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Our **Abpromise guarantee** covers the use of **ab132508** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

**Applications** SDS-PAGE  
ELISA  
Western blot

**Form** Liquid

**Additional notes**

## Preparation and Storage

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**Stability and Storage** Shipped on dry ice. Upon delivery aliquot and store at -80°C. Avoid freeze / thaw cycles.  
pH: 8.00  
Constituents: 0.31% Glutathione, 0.79% Tris HCl

## General Info

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**Function** Acts both as coactivator and as corepressor. May play a role in chromatin remodeling. Activator of the Wnt signaling pathway in a DVL1-dependent manner by negatively regulating the GSK3B phosphotransferase activity. Induces dephosphorylation of GSK3B at 'Tyr-216'. Down-regulates TRIM24-mediated activation of transcriptional activation by AR (By similarity). Transcriptional corepressor that down-regulates the expression of target genes. Binds to target promoters, leading to increased histone H3 acetylation at 'Lys-9' (H3K9ac). Binds to the ESR1 promoter. Recruits BRCA1 and POU2F1 to the ESR1 promoter. Coactivator for TP53-mediated activation of transcription of a set of target genes. Required for TP53-mediated cell-cycle arrest in response to oncogene activation. Promotes acetylation of TP53 at 'Lys-382', and thereby promotes efficient recruitment of TP53 to target promoters. Inhibits cell cycle progression from G1 to S phase.

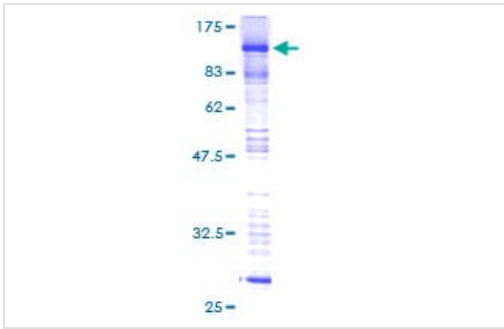
**Sequence similarities** Contains 1 bromo domain.

**Cellular localization** Nucleus.

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## Images

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12.5% SDS-PAGE analysis of ab132508 stained with Coomassie Blue.

SDS-PAGE - Recombinant Human BRD7 protein (ab132508)

**Please note:** All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

### Our Abpromise to you: Quality guaranteed and expert technical support

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- Replacement or refund for products not performing as stated on the datasheet
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- We provide support in Chinese, English, French, German, Japanese and Spanish
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- We investigate all quality concerns to ensure our products perform to the highest standards

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