

Product datasheet

Recombinant human BRD2 protein ab196109

[2 Images](#)

Description

Product name	Recombinant human BRD2 protein
Biological activity	BRD2 is incubated with biotinylated acetyl-histone peptide substrate in BRD assay buffer in a 10 μ L reaction for 1 hour at RT.
Purity	\geq 98 % SDS-PAGE.
Expression system	Escherichia coli
Accession	<u>P25440</u>
Protein length	Protein fragment
Animal free	No
Nature	Recombinant
Species	Human
Sequence	EVSNPKKPGRVTNQLQYLHKVVMKALWKHQFAWPFRQP VDAVKLGLPDYH KIIKQPMDMGTIKRRLNYYWAASECMQDFNTMFTNCYY NKPTDDIVL MAQTLEKIFLQKVASMPQEEQEL
Predicted molecular weight	16 kDa including tags
Amino acids	65 to 187
Tags	His tag N-Terminus
Additional sequence information	Bromodomain 1 (NM_005104).

Specifications

Our **Abpromise guarantee** covers the use of **ab196109** in the following tested applications.

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

Applications	Functional Studies SDS-PAGE
Form	Liquid

Preparation and Storage

Stability and Storage

Shipped on Dry Ice. Store at -80°C. Avoid freeze / thaw cycle.

pH: 8.00

Constituents: 0.71% Tris HCl, 0.72% Sodium chloride, 0.02% Potassium chloride, 10% Glycerol (glycerin, glycerine)

This product is an active protein and may elicit a biological response in vivo, handle with caution.

General Info

Function

May play a role in spermatogenesis or folliculogenesis.

Sequence similarities

Contains 2 bromo domains.

Contains 1 ET domain.

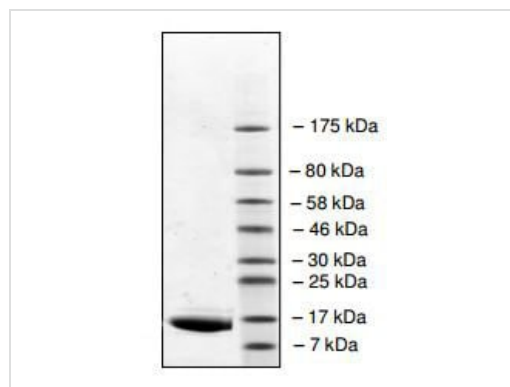
Domain

One bromodomain is sufficient for a partial interaction with histone H4 acetylated at 'Lys-13'.

Cellular localization

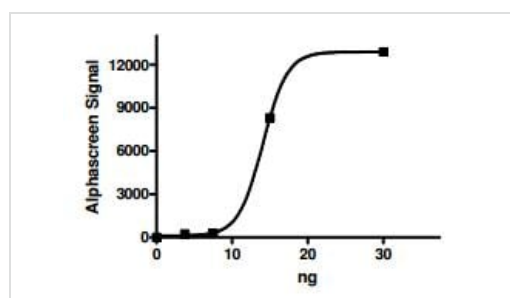
Nucleus.

Images



SDS-PAGE - Recombinant human BRD2 protein (ab196109)

4-20% SDS-PAGE analysis of 20 µg ab196109 with Coomassie staining.



Functional Studies - Recombinant human BRD2 protein (ab196109)

ab196109 binding to biotinylated acetyl-histone peptide substrate.

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

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