

Recombinant Human BRCC3 293 Cell Lysate

Cat. No. BRCC3-8412HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Species	Human
Source	HEK293
Description	Antigen standard for BRCA1/BRCA2-containing complex, subunit 3 (BRCC3), transcript variant 1 is a lysate prepared from HEK293T cells transiently transfected with a TrueORF gene-carrying pCMV plasmid and then lysed in RIPA Buffer. Protein concentration was determined using a colorimetric assay. The antigen control carries a C-terminal Myc/DDK tag for detection.
Components	This product includes 3 vials: 1 vial of gene-specific cell lysate, 1 vial of control vector cell lysate, and 1 vial of loading buffer. Each lysate vial contains 0.1 mg lysate in 0.1 ml (1 mg/ml) of RIPA Buffer (50 mM Tris-HCl pH7.5, 250 mM NaCl, 5 mM EDTA, 50 mM NaF, 1% NP40). The loading buffer vial contains 0.5 ml 2X SDS Loading Buffer (125 mM Tris-Cl, pH6.8, 10% glycerol, 4% SDS, 0.002% Bromophenol blue, 5% beta-mercaptoethanol).
Size	0.1 mg
Storage Instruction	Store at -80°C. Minimize freeze-thaw cycles. After addition of 2X SDS Loading Buffer, the lysates can be stored at -20°C. Product is guaranteed 6 months from the date of shipment.

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Applications

ELISA, WB, IP. WB: Mix equal volume of lysates with 2X SDS Loading Buffer. Boil the mixture for 10 min before loading (for membrane protein lysates, incubate the mixture at room temperature for 30 min). Load 5 ug lysate per lane.

GENE INFORMATION
Gene Name

BRCC3 BRCA1/BRCA2-containing complex, subunit 3 [Homo sapiens]

Official Symbol

BRCC3

Synonyms

BRCC3; BRCA1/BRCA2-containing complex, subunit 3; chromosome X open reading frame 53 , CXorf53; lys-63-specific deubiquitinase BRCC36; BRCC36; C6.1A; BRISC complex subunit BRCC36; BRCA1-A complex subunit BRCC36; BRCA1/BRCA2-containing complex subunit 36; CXorf53; RP11-143H17.2;

Gene ID

79184

mRNA Refseq

NM_001018055

Protein Refseq

NP_001018065

MIM

300617

UniProt ID

P46736

Chromosome Location

Xq28

Function

enzyme regulator activity; metal ion binding; metalloproteinase activity; peptidase activity; polyubiquitin binding; protein binding; ubiquitin thiolesterase activity; ubiquitin-specific protease activity;

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