

Recombinant Human BRE 293 Cell Lysate

Cat. No. BRE-8409HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Species	Human
Source	HEK293
Description	Antigen standard for brain and reproductive organ-expressed (TNFRSF1A modulator) (BRE), transcript variant 3 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	BRE brain and reproductive organ-expressed (TNFRSF1A modulator) [Homo sapiens]
Official Symbol	BRE
Synonyms	BRE; brain and reproductive organ-expressed (TNFRSF1A modulator); BRCA1-A complex subunit BRE; BRCA1/BRCA2 containing complex; subunit 4; BRCC4; BRCC45; BRCA1/BRCA2-containing complex subunit 45; BRCA1/BRCA2-containing complex, subunit 4; brain and reproductive organ-expressed protein;
Gene ID	9577
mRNA Refseq	NM_004899
Protein Refseq	NP_004890
MIM	610497
UniProt ID	Q9NXR7
Chromosome Location	2p23
Function	peroxisome targeting sequence binding; polyubiquitin binding; protein binding; tumor necrosis factor receptor binding;

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