

Recombinant Human C3orf10 293 Cell Lysate

Cat. No. BRK1-8055HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Species	Human
Source	HEK293
Description	Antigen standard for chromosome 3 open reading frame 10 (C3orf10) 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	BRK1 BRICK1, SCAR/WAVE actin-nucleating complex subunit [Homo sapiens]
Official Symbol	BRK1
Synonyms	BRK1; protein BRICK1; probable protein BRICK1; haematopoietic stem/progenitor cell protein 300; BRICK1, SCAR/WAVE actin-nucleating complex subunit, homolog
Gene ID	55845
mRNA Refseq	NM_018462
Protein Refseq	NP_060932
MIM	611183
UniProt ID	Q8WUW1
Chromosome Location	3p25.3
Pathway	ErbB1 downstream signaling, organism-specific biosystem; Immune System, organism-specific biosystem; Regulation of actin dynamics for phagocytic cup formation, organism-specific biosystem
Function	contributes_to Rac GTPase binding; protein complex binding

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