

Recombinant Human DBNL 293 Cell Lysate

Cat. No. DBNL-7063HCL Lot. No. (See product label)

SPECIFICATION

Species	Human
Source	HEK293
Description	Antigen standard for drebrin-like (DBNL), 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.
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

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mixture at room temperature for 30 min). Load 5 ug lysate per lane.

GENE INFORMATION

Gene Name	DBNL drebrin-like [Homo sapiens]
Official Symbol	DBNL
Synonyms	DBNL; drebrin-like; drebrin-like protein; HIP 55; SH3P7; drebrin-F; cervical SH3P7; SH3 domain-containing protein 7; cervical mucin-associated protein; HPK1-interacting protein of 55 kDa; src homology 3 domain-containing protein HIP-55; ABP1; HIP-55;
Gene ID	28988
mRNA Refseq	NM_001014436
Protein Refseq	NP_001014436
MIM	610106
UniProt ID	Q9UJU6
Chromosome Location	7p13
Pathway	Apoptosis, organism-specific biosystem; Apoptotic cleavage of cellular proteins, organism-specific biosystem; Apoptotic executionphase, organism-specific biosystem; Caspase-mediated cleavage of cytoskeletal proteins, organism-specific biosystem; JNK signaling in the CD4+ TCR pathway, organism-specific biosystem; T Cell Receptor Signaling Pathway, organism-specific biosystem; TCR signaling in naive CD4+ T cells, organism-specific biosystem;

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Function

actin binding; enzyme activator activity; protein binding;

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