

Human KSR1 Knockdown Cell Lysate

Cat. No. KSR1-485HKCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	WB-validated KSR1 Knockdown HT-1080 Cell Lysate
Species	Human
Source	HT-1080
Description	Enables 14-3-3 protein binding activity and ATP binding activity. Involved in positive regulation of MAPK cascade. Located in cytosol; endoplasmic reticulum; and membrane. Part of protein-containing complex. Implicated in breast adenocarcinoma. Biomarker of breast cancer.
Form	Cell-Tissue Lysis buffer
Molecular Mass	102 kDa
Notes	Instruction of use: This knockdown cell lysate should be paired with wild-type HT-1080 cell lysate for use. For Western blotting, we recommend running wild-type and knockdown lysates on the same gel, and loading each well with equal volume and equal amount of total proteins.
Storage	Store at -20 centigrade for two years.
Concentration	Lot-specific
Shipping	Blue Ice

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Components	1 vial of 100 µg WT HT-1080 cell lysate 1 vial of 100 µg KSR1 KD HT-1080 cell lysate
Protein Families	Druggable Genome, Protein Kinase
Lysate QC	RT-qPCR; Western Blotting (WB)

GENE INFORMATION

Gene Name	KSR1 kinase suppressor of ras 1 [Homo sapiens (human)]
Official Symbol	KSR1
Synonyms	KSR1; kinase suppressor of ras 1; kinase suppressor of ras, KSR; kinase suppressor of Ras 1; RSU2; KSR;
Gene ID	8844
mRNA Refseq	NM_014238
Protein Refseq	NP_055053
MIM	601132
UniProt ID	Q8IVT5

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