

Human DGCR8 Knockdown Cell Lysate

Cat. No. DGCR8-337HKCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	WB-validated DGCR8 Knockdown HeLa Cell Lysate
Species	Human
Source	HeLa
Description	This gene encodes a subunit of the microprocessor complex which mediates the biogenesis of microRNAs from the primary microRNA transcript. The encoded protein is a double-stranded RNA binding protein that functions as the non-catalytic subunit of the microprocessor complex. This protein is required for binding the double-stranded RNA substrate and facilitates cleavage of the RNA by the ribonuclease III protein, Drosha. Alternate splicing results in multiple transcript variants.
Form	Cell-Tissue Lysis buffer
Molecular Mass	86 kDa
Notes	Instruction of use: This knockdown cell lysate should be paired with wild-type HeLa 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

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Shipping	Blue Ice
Components	1 vial of 100 µg WT HeLa cell lysate 1 vial of 100 µg DGCR8 KD HeLa cell lysate
Lysate QC	RT-qPCR; Western Blotting (WB)
GENE INFORMATION	
Gene Name	DGCR8 DiGeorge syndrome critical region gene 8 [Homo sapiens (human)]
Official Symbol	DGCR8
Synonyms	DGCR8; DiGeorge syndrome critical region gene 8; C22orf12, chromosome 22 open reading frame 12; microprocessor complex subunit DGCR8; DGCRK6; Gy1; pasha; DiGeorge syndrome critical region 8; C22orf12;
Gene ID	54487
mRNA Refseq	NM_001190326
Protein Refseq	NP_001177255
MIM	609030
UniProt ID	Q8WYQ5

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