

Human DDX5 Knockdown Cell Lysate

Cat. No. DDX5-134HKCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	WB-validated DDX5 Knockdown HeLa Cell Lysate
Species	Human
Source	HeLa
Description	This gene encodes a member of the DEAD box family of RNA helicases that are involved in a variety of cellular processes as a result of its role as an adaptor molecule, promoting interactions with a large number of other factors. This protein is involved in pathways that include the alteration of RNA structures, plays a role as a coregulator of transcription, a regulator of splicing, and in the processing of small noncoding RNAs. Members of this family contain nine conserved motifs, including the conserved Asp-Glu-Ala-Asp (DEAD) motif, important to ATP binding and hydrolysis as well as RNA binding and unwinding activities. Dysregulation of this gene may play a role in cancer development. Alternative splicing results in multiple transcript variants.
Form	Cell-Tissue Lysis buffer
Molecular Mass	69 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.

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Storage	Store at -20 centigrade for two years.
Concentration	Lot-specific
Shipping	Blue Ice
Components	1 vial of 100 µg WT HeLa cell lysate 1 vial of 100 µg DDX5 KD HeLa cell lysate
Protein Pathways	Spliceosome
Lysate QC	RT-qPCR; Western Blotting (WB)
GENE INFORMATION	
Gene Name	DDX5 DEAD (Asp-Glu-Ala-Asp) box helicase 5 [Homo sapiens (human)]
Official Symbol	DDX5
Synonyms	DDX5; DEAD (Asp-Glu-Ala-Asp) box helicase 5; DEAD (Asp Glu Ala Asp) box polypeptide 5, DEAD/H (Asp Glu Ala Asp/His) box polypeptide 5 (RNA helicase, 68kD), G17P1, HLR1; probable ATP-dependent RNA helicase DDX5; p68; DEAD box-5; RNA helicase p68; DEAD box protein 5; ATP-dependent RNA helicase DDX5; DEAD (Asp-Glu-Ala-Asp) box polypeptide 5; DEAD/H (Asp-Glu-Ala-Asp/His) box polypeptide 5 (RNA helicase, 68kD); HLR1; G17P1; HUMP68; DKFZp434E109; DKFZp686J01190;
Gene ID	1655
mRNA Refseq	NM_004396
Protein Refseq	NP_004387

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MIM	180630
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UniProt ID	P17844
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