Recombinant Human DDX54 cell lysate

Cat. No. DDX54-460HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	
Species	Human
Description	This gene encodes a member of the DEAD box protein family. DEAD box proteins, characterized by the conserved motif Asp-Glu-Ala-Asp (DEAD), are putative RNA helicases. They are implicated in a number of cellular processes involving alteration of RNA secondary structure such as translation initiation, nuclear and mitochondrial splicing, and ribosome and spliceosome assembly. Based on their distribution patterns, some members of this family are believed to be involved in embryogenesis, spermatogenesis, and cellular growth and division. The nucleolar protein encoded by this gene interacts in a hormone-dependent manner with nuclear receptors, and represses their transcriptional activity. Alternative splice variants that encode different isoforms have been found for this gene.
Size	100 ul
Storage Buffer	1X Sample Buffer (50 mM Tris-HCl, 2% SDS, 10% glycerol, 300 mM 2-mercaptoethanol, 0.01% Bromophenol blue)
Applications	Western Blot;

GENE INFORMATION

Gene Name	DDX54 DEAD (Asp-Glu-Ala-Asp) box polypeptide 54 [Homo sapiens]

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Official Symbol	DDX54
Synonyms	DDX54; DEAD (Asp-Glu-Ala-Asp) box polypeptide 54; ATP-dependent RNA helicase DDX54; APR 5; DP97; MGC2835; DEAD box protein 54; DEAD box helicase 97 KDa; DEAD box RNA helicase 97 kDa; ATP-dependent RNA helicase DP97;
Gene ID	79039
mRNA Refseq	NM_001111322
Protein Refseq	NP_001104792
MIM	611665
UniProt ID	Q8TDD1
Chromosome Location	12q24.11
Function	ATP binding; ATP-dependent RNA helicase activity; RNA binding; estrogen receptor binding; helicase activity; hydrolase activity; hydrolase activity, acting on acid anhydrides, in phosphorus-containing anhydrides; nucleotide binding; receptor binding; transcription corepressor activity;

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