

Recombinant Human DDX54 Protein, GST-tagged

Cat. No. DDX54-2502H **Lot. No.** (See product label)

SPECIFICATION

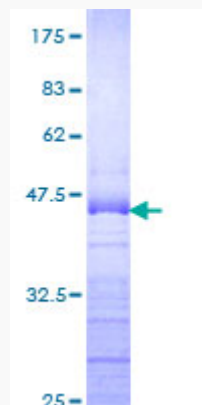
Product Overview	Human DDX54 partial ORF (NP_076977, 778 a.a. - 881 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
Description	This gene encodes a member of the DEAD box protein family. DEAD box proteins, characterized by the conserved motif Asp-Glu-Ala-Asp (DEAD), 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. [provided by RefSeq, Jul 2008]
Molecular Mass	37.18 kDa
AA Sequence	DDRDSDEEGASDRRGPERRGGKDRGQGASRPHPAGTPAGRVRPGLKTKQQILK QRRRAQKLHFLQRGGLKQLSARNRRRVQELQQGAFGRGARSKKGKMRKRM
Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein)

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	Antibody Production Protein Array
Notes	Best use within three months from the date of receipt of this protein.
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
GENE INFORMATION	
Gene Name	DDX54 DEAD (Asp-Glu-Ala-Asp) box polypeptide 54 [Homo sapiens]
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

Quality Control**Testing:**

12.5% SDS-PAGE Stained with Coomassie Blue.

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