

# Recombinant Human DDX52

Catalog No: #GP12877



Package Size: #GP12877-1 100ug

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## Description

Product Name	Recombinant Human DDX52
Brief Description	Recombinant Protein
Immunogen Description	Fusion protein corresponding to a region derived from 400-599 amino acids of human DDX52
Target Name	DEAD-box helicase 52
Other Names	ROK1; HUSSY19
Accession No.	Swissprot:Q9Y2R4Gene Accession:BC041785
Uniprot	Q9Y2R4
GeneID	11056;
Storage	-20~-80°C, pH 7.6 PBS

## Background

DEAD box proteins, characterized by the conserved motif Asp-Glu-Ala-Asp, are putative RNA helicases implicated in several cellular processes involving modifications 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 may be involved in embryogenesis, spermatogenesis, and cellular growth and division. DEAD box protein 52 (DDX52), also known as ATP-dependent RNA helicase ROK1-like or HUSSY-19, is a 599 amino acid protein belonging to the DEAD box helicase family. Localized to the nucleus, DDX52 is phosphorylated by ATM or ATR upon DNA damage. DDX52 contains one helicase ATP-binding domain and one helicase C-terminal domain.

## References

Note: For in vitro research use only, not for diagnostic or therapeutic use. This product is not a medical device.

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