

DDX50 抗原（重组蛋白）

中文名称： DDX50 抗原（重组蛋白）

英文名称： DDX50 Antigen (Recombinant Protein)

别名： DEAD-box helicase 50; GU2; GUB; mcdrh; RH-II/GuB

储存： 冷冻（-20℃）

相关类别： 抗原

概述

Fusion protein corresponding to a region derived from 538-737 amino acids of human DDX50

技术规格

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|---------------------------|--|
| Full name: | DEAD-box helicase 50 |
| Synonyms: | GU2; GUB; mcdrh; RH-II/GuB |
| Swissprot: | Q9BQ39 |
| Gene Accession: | BC000272 |
| Purity: | >85%, as determined by Coomassie blue stained SDS-PAGE |
| Expression system: | Escherichia coli |
| Tags: | His tag C-Terminus, GST tag N-Terminus |
| Background: | 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 DEAD box protein family are believed to be involved in embryogenesis, spermatogenesis, and cellular growth and division. This gene encodes a DEAD box enzyme that may be involved in ribosomal RNA synthesis or processing. This gene and DDX21, also called RH-II/GuA, have similar genomic structures and ar |

e in tandem orientation on chromosome 10, suggesting that the two genes arose by gene duplication in evolution. This gene has pseudogenes on chromosomes 2, 3 and 4. Alternative splicing of this gene generates multiple transcript variants, but the full length nature of all the other variants but one has not been defined.