

DDX21 抗原（重组蛋白）

中文名称：DDX21 抗原（重组蛋白）

英文名称：DDX21 Antigen (Recombinant Protein)

别名：DEAD-box helicase 21; GUA; GURDB; RH-II/GU; RH-II/GuA

储存：冷冻（-20℃）

相关类别：抗原

概述

Fusion protein corresponding to a region derived from 584-783 amino acids of human DDX21

技术规格

Full name:	DEAD-box helicase 21
Synonyms:	GUA; GURDB; RH-II/GU; RH-II/GuA
Swissprot:	Q9NR30
Gene Accession:	BC008071
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 family are believed to be involved in embryogenesis, spermatogenesis, and cellular growth and division. Thi

s gene encodes a DEAD box protein, which is an antigen recognized by autoimmune antibodies from a patient with watermelon stomach disease. This protein unwinds double-stranded RNA, folds single-stranded RNA, and may play important roles in ribosomal RNA biogenesis, RNA editing, RNA transport, and general transcription.