DDX3X 抗原（重组蛋白）

中文名称：DDX3X 抗原（重组蛋白）

英文名称： DDX3X Antigen (Recombinant Protein)

别 名： DEAD-box helicase 3, X-linked; DBX; DDX3; HLP2; DDX14; CAP-Rf; MRX102

储 存： 冷冻（-20℃）

相关类别： 抗原

概述

Fusion protein corresponding to a region derived from 463-662 amino acids of human DDX3X

技术规格

Full name:	DEAD-box helicase 3, X-linked
Synonyms:	DBX; DDX3; HLP2; DDX14; CAP-Rf; MRX102
Swissprot:	O00571
Gene Accession:	BC011819
Purity:	>85%, as determined by Coomassie blue stained SDS-PAGE
Expression system:	Escherichia coli
Tags:	His tag C-Terminus, GST tag N-Terminus
Background:	The protein encoded by this gene is a member of the large DEAD-box protein family, that is defined by the presence of the conserved Asp-Glu-Ala-Asp (DEAD) motif, and has ATP-dependent RNA helicase activity. This protein has been reported to display a high level of RNA-independent ATPase activity, and unlike most DEAD-box helicases, the ATPase activity is thought to be stimulated by both RNA and DNA. This protein has multiple conserved domains and is thought to play

	roles in both the nucleus and cytoplasm. Nuclear roles include transcriptional regulation, mRNP assembly, pre-mRNA splicing, and mRNA export. In the cytoplasm, this protein is thought to be involved in translation, cellular signaling, and viral replication. Misregulation of this gene has been implicated in tumorigenesis. This gene has a paralog located in the nonrecombining region of the Y chromosome. Pseudogenes sharing similarity to both this gene and the DDX3Y paralog are found on chromosome 4 and the X chromosome. Alternative splicing results in multiple transcript variants.