

DDX4 抗原（重组蛋白）

中文名称：DDX4 抗原（重组蛋白）

英文名称：DDX4 Antigen (Recombinant Protein)

储存：冷冻（-20℃）

相关类别：抗原

概述

Fusion protein corresponding to a region derived from 47-198 amino acids of human DDX4

技术规格

Full name:	DEAD (Asp-Glu-Ala-Asp) box polypeptide 4
Synonyms:	VASA
Swissprot:	Q9NQI0
Gene Accession:	BC047455
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. This gene encodes a DEAD box protein, which is a homolog of VASA proteins in Drosophila and several other species. The gene is specifically expressed in the germ cell lineage in both sexes and functions in germ

cell development. Multiple transcript variants encoding different isoforms have been found for this gene.