

Datasheet for ABIN7559997  
**DDX41 Protein (AA 1-622) (His tag)**



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## Overview

Quantity:	1 mg
Target:	DDX41
Protein Characteristics:	AA 1-622
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This DDX41 protein is labelled with His tag.

## Product Details

Purpose:	Custom-made recombinant Ddx41 Protein expressed in mammalian cells.
Sequence:	MEDSEPERKR ARADEATAGG SRSEDEDED EDYVPYVPLR QRRQLLQKL LQRRRKGATE EEQQDSGSEP RGDDEDDIPLG PQSNVSLLDQ HQHLKEKAEA RKESAKEKQL KEEEKILESV AEGRALMSVK EMAKGITYDD PIKTSWTPPR YVLSMSEERH ERVRKKYHIL VEGDGIPPI KSFKEMKFPA AILRGLKKG ILHPTPIQIQ GIPTILSGRD MIGIAFTGSG KTLVFTLPVI MFCLEQEKRL PFSKREGPYG LIICPSRELA RQTHGILEYY CRLLEDSSP LLRCALCIGG MSVKEQMETI RHGVHMMVAT PGRLMDLLQK KMVSLDICRY LALDEADRM DMGFEGDIRT IFSYFKGQRQ TLLFSATMPK KIQNFAKSAL VKPVTINVGR AGAASLDVIQ EVEYVKEEAK MVYLLECLQK TPPPVLIFAE KKADVDAIHE YLLKGVAV AIHGGKDQEE RTKAIEAFRE GKKDVLVATD VASKGLDFPA IQHVINYDMP EEIENYVHRI GRTGRSGNTG IATTFINKAC DESVLMDLKA LLEAKQKVP PVLQVLHCGD ESMLDIGGER GCAFCGGLGH RITDCPKLEA MQTKQVSNIG RKDYLAHSSM DF <b>Sequence without tag. The proposed Purification-Tag is based on experiences with the expression system, a different complexity of the protein</b>

## Product Details

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**could make another tag necessary. In case you have a special request, please contact us.**

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**Specificity:** If you are looking for a specific domain and are interested in a partial protein or a different isoform, please contact us regarding an individual offer.

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**Characteristics:** **Key Benefits:**

- Made to order protein - from design to production - by highly experienced protein experts.
- Protein expressed in mammalian cells and purified in one-step affinity chromatography
- The optimized expression system ensures reliability for intracellular, secreted and transmembrane proteins.
- State-of-the-art algorithm used for plasmid design (Gene synthesis).

This protein is a made-to-order protein and will be made for the first time for your order. Our experts in the lab try to ensure that you receive soluble protein.

If you are not interested in a full length protein, please contact us for individual protein fragments.

The big advantage of ordering our made-to-order proteins in comparison to ordering custom made proteins from other companies is that there is no financial obligation in case the protein cannot be expressed or purified.

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**Purity:** > 90 % as determined by Bis-Tris PAGE, anti-tag ELISA, Western Blot and analytical SEC (HPLC)

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**Grade:** custom-made

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## Target Details

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**Target:** DDX41

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**Alternative Name:** Ddx41 ([DDX41 Products](#))

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**Background:** Probable ATP-dependent RNA helicase DDX41 (EC 3.6.4.13) (DEAD box protein 41),FUNCTION: Probable ATP-dependent RNA helicase. Is required during post-transcriptional gene expression. May be involved in pre-mRNA splicing. {ECO:0000250|UniProtKB:Q9UJV9}.

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**Molecular Weight:** 69.8 kDa

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**UniProt:** [Q91VN6](#)

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## Application Details

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**Application Notes:** We expect the protein to work for functional studies. As the protein has not been tested for

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## Application Details

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functional studies yet we cannot offer a guarantee though.

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Restrictions: For Research Use only

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## Handling

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Format: Liquid

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Buffer: The buffer composition is at the discretion of the manufacturer.

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Handling Advice: Avoid repeated freeze-thaw cycles.

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Storage: -80 °C

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Storage Comment: Store at -80°C.

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Expiry Date: 12 months

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