



SZABO SCANDIC

Part of Europa Biosite

Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!
See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

SZABO-SCANDIC HandelsgmbH

Quellenstraße 110, A-1100 Wien

T. +43(0)1 489 3961-0

F. +43(0)1 489 3961-7

mail@szabo-scandic.com

www.szabo-scandic.com

[linkedin.com/company/szaboscandic](https://www.linkedin.com/company/szaboscandic) 

Datasheet

DDX24 (Human) Recombinant Protein (P01)

Catalog Number: H00057062-P01

Regulation Status: For research use only (RUO)

Product Description: Human DDX24 full-length ORF (AAH96826.1, 1 a.a. - 804 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence:

MKLIKDTKSRPKQSSCGKFQTKGIKVVGWKEVKIDPN
MFADGQMDDLVCFEELTDYQLVSPAKNPSSLFSKEAP
KRKAQAVSEEEEEEEGKSSSPKKIKLKKSKNVATEGT
STQKEFEVKDPELEAQGDDMVCDPEAGEMTSENLV
QTAPKKNKNGKKGLEPSQSTAAIRDKLDILGAAETGS
GKTLAFAIPMIHAVLQWQKRNAAPPSNTEAPPGETR
TEAGAETRSPGKAEAESDALPDDTVIESEALPSDIAAE
ARAKTGGTVSDQALLFGDDDDAGEGSSLIREKPVPKQ
NENEEENLDKEQTGNLQELDDKSATCKAYPKRPLLG
LVLTPTRELAVQVKQHIDAVARFTGIKTAILVGGMSTQK
QQRMLNRRPEIVVATPGRLWELIKEKHYHLRNLRLR
CLVVDADMVEKGFHFAELSQLEMLNDSQYNPKRQ
TLVFSATLTLVHQAPARILHKKHTKKMDKTAKLDLLMQ
KIGMRGKPKVIDLTRNEATVETLTETKIH CETDEKDFYL
YYFLMQYPGRSLVFANSISCIKRLSGLLKVLDIMPLTLH
ACMHQKQRLRNLEQFARLEDCVLLATDVAARGLDIPK
VQHVHYVQVPTSEIYVHRSGRTARATNEGLSLMLIGP
EDVINFKKIYKTLKKDEDIPLFPVQTKYMDVVKERIRLA
RQIEKSEYRNFQAACLSWIEQAAAALEIELEEDMYKG
GKADQQEERRRQKQMKVLKELRHLLSQPLFTESQK
TKYPTQSGKPLLVSAPSKSESALSCLSKQKQKKTCKP
KEPQPEQPQPSTAN

Host: Wheat Germ (in vitro)

Theoretical MW (kDa): 116.7

Interspecies Antigen Sequence: Mouse (73); Rat (73)

Applications: AP, Array, ELISA, WB-Re
(See our web site product page for detailed applications information)

Protocols: See our web site at
<http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

Preparation Method: [in vitro wheat germ expression system](#)

Purification: Glutathione Sepharose 4 Fast Flow

Storage Buffer: 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

Storage Instruction: Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Entrez GeneID: 57062

Gene Symbol: DDX24

Gene Alias: -

Gene Summary: 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 shows little similarity to any of the other known human DEAD box proteins, but shows a high similarity to mouse Ddx24 at the amino acid level. [provided by RefSeq]

References:

1. Chemical profiling of DNA G-quadruplex-interacting proteins in live cells. Xiaoyun Zhang, Jochen Spiegel, Sergio Martinez Cuesta, Santosh Adhikari, Shankar Balasubramanian. Nat Chem. 2021 Jul;13(7):626-633. doi: 10.1038/s41557-021-00736-9. Epub 2021 Jun 28.