



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

HNRPA1 (Human) Recombinant Protein (P02)

Catalog Number: H00003178-P02

Regulation Status: For research use only (RUO)

Product Description: Human HNRPA1 full-length ORF (AAH02355, 1 a.a. - 320 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence:

MSKSESPKEPEQLRKLFIGGLSFETTESLRSHFEQW
GTLTDCVVMRDPNTRSRGFGFVITYATVEEVDAAMN
ARPHKVDGRVVEPKRAVSREDSQRPGAHLTVKKIFVG
GIKEDTEEHRLRDYFEQYQKIEVIEIMDRGSGKKRGF
AFVTFDDHDSVDKIVIQKYHTVNGHNCEVRKALSKQE
MASASSQRGRSGSGNFGGGRGGGFGGNDNFGRG
GNFSGRGGFGGSRGGGGYGGSGDGYNGFGNDGSN
FGGGGSYNDFGNYNQSSNFGMPKGGNFGRSSGP
YGGGGQYFAKPRNQGGYGGSSSSSSSYGSGRRF

Host: Wheat Germ (in vitro)

Theoretical MW (kDa): 60.94

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: 3178

Gene Symbol: HNRNPA1

Gene Alias: HNRPA1, MGC102835

Gene Summary: This gene belongs to the A/B subfamily of ubiquitously expressed heterogeneous nuclear ribonucleoproteins (hnRNPs). The hnRNPs are RNA binding proteins and they complex with heterogeneous nuclear RNA (hnRNA). These proteins are associated with pre-mRNAs in the nucleus and appear to influence pre-mRNA processing and other aspects of mRNA metabolism and transport. While all of the hnRNPs are present in the nucleus, some seem to shuttle between the nucleus and the cytoplasm. The hnRNP proteins have distinct nucleic acid binding properties. The protein encoded by this gene has two repeats of quasi-RRM domains that bind to RNAs. It is one of the most abundant core proteins of hnRNP complexes and it is localized to the nucleoplasm. This protein, along with other hnRNP proteins, is exported from the nucleus, probably bound to mRNA, and is immediately re-imported. Its M9 domain acts as both a nuclear localization and nuclear export signal. The encoded protein is involved in the packaging of pre-mRNA into hnRNP particles, transport of poly A+ mRNA from the nucleus to the cytoplasm, and may modulate splice site selection. It is also thought have a primary role in the formation of specific myometrial protein species in parturition. Multiple alternatively spliced transcript variants have been found for this gene but only two transcripts are fully described. These variants have multiple alternative transcription initiation sites and multiple polyA sites. [provided by RefSeq]