



# SZABO SCANDIC

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## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



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### Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

### SZABO-SCANDIC HandelsgmbH

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## Datasheet

### HNRPA1 (Human) Recombinant Protein (P01)

**Catalog Number:** H00003178-P01

**Regulation Status:** For research use only (RUO)

**Product Description:** Human HNRPA1 full-length ORF (AAH33714.1, 1 a.a. - 320 a.a.) recombinant protein with GST-tag at N-terminal.

**Sequence:**

MSKSESPKEPEQLRKLFIGGLSFETTESLRSHFEQW  
GTLTDCVVMRDPNTRSRGFGFVTYATVEEVDAAMN  
ARPHKVDGRVVEPKRAVSREDSQRPGAHLTVKKIFVG  
GIKEDTEEHHLRDYFEQYQKIEVIEIMDRGSGKKRGF  
AFVTFDDHDSVDKIVIQKYHTVNGHNCEVRKALSKQE  
MASASSQRGRSGSGSFGGGRRGGGFGGNDNFGRG  
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]