

Product datasheet for **AR50236PU-S**

hnRNP core protein A1 / HNRNPA1 (1-320, His-tag) Human Protein

Product data:

Product Type:	Recombinant Proteins
Description:	hnRNP core protein A1 / HNRNPA1 (1-320, His-tag) human recombinant protein, 0.1 mg
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	MGSSHHHHHH SSGLVPRGSH MGSMSKSESP KEPEQLRKLK IGGLSFETTD ESLRSHFEQW GTLTDCVVMR DPNTKRSRGF GFVTYATVEE VDAAMNARPH KVDGRVVEPK RAVSREDSQR PGAHLTVKKI FVGGIKEDTE EHHLRDYFEQ YGKIEVIEIM TDRGSGKCRG FAFVTFDDHD SVDKIVIQKY HTVNGHNCEV RKALSKQEMA SASSQRGRS GSGNFGGGRG GGFGNDNFG RGGNFSGRGG FGGSRGGGGY GSGGDYNGF GNDGSNFGGG GSYNDFGNYN NQSSNFGPMK GGNFGGRSSG PYGGGGQYFA KPRNQGGYGG SSSSSSYGSG RRF
Tag:	His-tag
Predicted MW:	36.6 kDa
Concentration:	lot specific
Purity:	>85% by SDS - PAGE
Buffer:	Presentation State: Purified State: Liquid purified protein Buffer System: 20 mM Tris-HCl buffer (pH 8.0) containing 40% glycerol, 0.15M NaCl, 1 mM DTT
Preparation:	Liquid purified protein
Protein Description:	Recombinant human HNRNPA1 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography.
Storage:	Store undiluted at 2-8°C for one week or (in aliquots) at -20°C to -80°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
RefSeq:	NP_002127
Locus ID:	3178
UniProt ID:	P09651 , A0A024RB53
Cytogenetics:	12q13.13



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Synonyms: ALS19; ALS20; hnRNP-A1; hnRNP A1; HNRPA1; HNRPA1L3; IBMPFD3; UP 1

Summary: This gene encodes a member of a family of ubiquitously expressed heterogeneous nuclear ribonucleoproteins (hnRNPs), which are RNA-binding proteins that associate with pre-mRNAs in the nucleus and influence pre-mRNA processing, as well as other aspects of mRNA metabolism and transport. The protein encoded by this gene is one of the most abundant core proteins of hnRNP complexes and plays a key role in the regulation of alternative splicing. Mutations in this gene have been observed in individuals with amyotrophic lateral sclerosis 20. Multiple alternatively spliced transcript variants have been found. There are numerous pseudogenes of this gene distributed throughout the genome. [provided by RefSeq, Feb 2016]

Protein Pathways: Spliceosome