Recombinant Human Heterogeneous Nuclear Ribonucleoprotein A1, His-tagged

Cat. No. HNRNPA1-5542H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant humanHNRNPA1 protein, fused to His-tag at N-terminus, was expressed in E. coliand purified by using conventional chromatography.
Species	Human
Description	HNRNPA1, also knownas heterogeneous nuclear ribonucleoprotein A1, involved in the packaging ofpre-mRNA into hnRNP particles, transport of poly (A) mRNA from thenucleus to the cytoplasm and may modulate splice site selection. This proteinmay play a role in HCV RNA replication.
Form	Liquid. 20mMTris-HCl buffer (PH 8.0) containing 40% glycerol, 0.15M NaCl, 1mM DTT.
Molecular Weight	36.6 kDa (343aa)confirmed by MALDI-TOF.
Purity	> 85%by SDS-PAGE
Concentration	0.5 mg/ml(determined by Bradford assay)
Sequences of aminoacids	MGSSHHHHHHSSGLVPRGSH MGSMSKSESP KEPEQLRKLF IGGLSFETTD ESLRSHFEQWGTLTDCVVMR DPNTKRSRGF GFVTYATVEE VDAAMNARPH KVDGRVVEPK RAVSREDSQR PGAHLTVKKIFVGGIKEDTE EHHLRDYFEQ YGKIEVIEIM TDRGSGKKRG FAFVTFDDHD SVDKIVIQKY HTVNGHNCEVRKALSKQEMA SASSSQRGRS GSGNFGGGRG GGFGGNDNFG

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	RGGNFSGRGG FGGSRGGGGY GGSGDGYNGFGNDGSNFGGG GSYNDFGNYN NQSSNFGPMK GGNFGGRSSG PYGGGGQYFA KPRNQGGYGG SSSSSSYGSGRRF
Storage	Can bestored at +4°C short term (1-2 weeks). For long term storage, aliquot andstore at -20°C or -70°C. Avoid repeated freezing and thawing cycles.
OfficialSymbol	HNRNPA1
nullValue_other	Pathways: Coregulationof Androgen receptor activity; Formation and Maturation of mRNA Transcript;Gene Expression; Processing of Capped Intron-Containing Pre-mRNA; Spliceosome;mRNA Processing; mRNA Splicing

GENE INFORMATION

Gene Name	HNRNPA1heterogeneous nuclear ribonucleoprotein A1 [Homo sapiens]
Synonyms	HNRNPA1;heterogeneous nuclear ribonucleoprotein A1; hnRNP-A1; hnRNPA1; MGC102835;HNRPA1; heterogeneous nuclear ribonucleoprotein A1B protein; heterogeneousnuclear ribonucleoprotein B2 protein; heterogeneous nuclear ribonucleoproteincore protein A1; Helix-destabilizing protein; Single-strand RNA-bindingprotein; hnRNP A1-like 3; hnRNP A1; hnRNP core protein; A1 nuclearribonucleoprotein particle A1 protein; Putative heterogeneous nuclearribonucleoprotein A1-like 3; HNRPA1L3; single-strand DNA-binding protein UP; OTTHUMP00000241883;OTTHUMP00000241884; OTTHUMP00000241885; OTTHUMP00000241886; OTTHUMP00000241887;OTTHUMP00000241888; OTTHUMP00000241889; OTTHUMP00000241890; OTTHUMP00000241891;OTTHUMP00000242006; OTTHUMP00000242007; OTTHUMP00000242008; OTTHUMP00000242009;OTTHUMP00000242010; OTTHUMP00000242011

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Gene ID	3178
mRNA Refseq	NM_002136
Protein Refseq	NP_002127
MIM	164017
UniProt ID	P09651
Chromosome Location	12q13.1
PDB rendering based on1ha1.	

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