

Recombinant human HNRNPA1 protein

Catalog Number: ATGP1411

PRODUCT INFORMATION

Expression system

E.coli

Domain

1-320aa

UniProt No.

P09651

NCBI Accession No.

NP_002127.1

Alternative Names

Heterogeneous nuclear ribonucleoprotein A1, hnRNP A1, hnRNP-A1, HNRPA1, HNRPA1L3

PRODUCT SPECIFICATION

Molecular Weight

36.6 kDa (343aa) confirmed by MALDI-TOF

Concentration

0.5mg/ml (determined by Bradford assay)

Formulation

Liquid in. 20mM Tris-HCl buffer (pH 8.0) containing 40% glycerol, 0.15M NaCl, 1mM DTT

Purity

> 85% by SDS-PAGE

Tag

His-Tag

Application

SDS-PAGE

Storage Condition

Can be stored at +2C to +8C for 1 week. For long term storage, aliquot and store at -20C to -80C. Avoid repeated freezing and thawing cycles.

BACKGROUND

Description

HNRNPA1, also known as heterogeneous nuclear ribonucleoprotein A1, 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. This protein may play a role in HCV RNA replication. Recombinant human HNRNPA1 protein, fused to His-tag at N-terminus, was expressed in E. coli and purified by using conventional chromatography.

Amino acid Sequence

<MGSSHHHHHH SGLVPRGSH MGS>MSKSESP KEPEQLRKLF IGGLSFETTD ESLRSHFEQW GTLTDCVVMR

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DPNTRSRGF GFVTYATVEE VDAAMNARPH KVDGRVVEPK RAVSREDSQR PGAHLTVKKI FVGGIKEDTE EHHLRDYFEQ
YGKIEVIEIM TDRGSGKKRG FAFVTFDDHD SVDKIVIQKY HTVNGHNCEV RKALSKQEMA SASSQRGRS GSGNFGGGRG
GGFGGNDNFG RGGNFSGRGG FGGSRGGGGY GSGDGYNGF GNDGSNFGGG GSYNDFGNYN NQSSNFGPMK
GGNFGGRSSG PYGGGGQYFA KPRNQGGYGG SSSSSSYGSG RRF

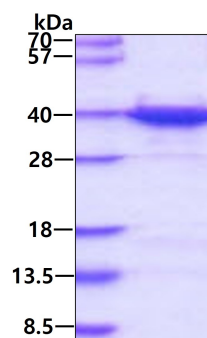
General References

Kim C.S., et al. (2007) J. Virol. 81:3852-3865

Biamonti G., et al. (1989) J. Mol. Biol. 207:491-503

DATA

SDS-PAGE



3ug by SDS-PAGE under reducing condition and visualized by coomassie blue stain.