

HNRNPA1, 1-320aa, Human, His tag, E.coli

Cat.NO.: TP02478

3th Edition

Synonyms:Heterogeneous nuclear ribonucleoprotein A1, hnRNP A1, hnRNP-A1, HNRPA1, HNRPA1L3.

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.

Form:Liquid. 20mM Tris-HCl buffer (pH8.0) containing 40% glycerol, 0.15M NaCl, 1mM DTT

Molecular Weight:36.6 kDa (343aa) confirmed by MALDI-TOF

Sequences:

MGSSHHHHHHSSGLVPRGSHMGSMKSESPKEPEQLRKLFIGGLSFETTDESLRSHFEQWGTLTDCVVMRDPNT
KRSRGFGFVYATVEEVDAAMNARPHKVDGRVVEPKRAVSREDSQRPGAHLTVKKIFVGGIKEDTEEHHLRDYFE
QYGKIEVIEIMTDRGSGKKRGFAFVTFDDHDSVDKIVIQKYHTVNGHNCEVRKALSKQEMASASSSQRGRSGSGNF
GGGRGGGFGGNDNFGRGGNFSGRGGFGGSRGGGGYGGSGDGYNGFGNDGNSFGGGGSYNDFGNYNNQSSN
FGPMKGGNFGGRSSGPYGGGGQYFAKPRNQGGYGGSSSSSSSYGSGRRF

Purity:> 95% by HPLC

Concentration:0.5 mg/ml (determined by Bradford assay)

Endotoxin Level:<1.0 EU per 1 ug of protein (determined by LAL method)

Storage:Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.