

Recombinant Human HNRNPA0 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. HNRNPA0-4021H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	HNRNPA0 MS Standard C13 and N15-labeled recombinant protein (NP_006796) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	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 RNAs, followed by a glycine-rich C-terminus.
Molecular Mass	30.8 kDa
AA Sequence	MENSQLCKLFIGGLNVQTSESGLRGHFEGTLTDCVVVNPQTKRSRCFGFVTYS NVEEADAAMAASPHAVDGNVELKRAVSREDSARPGAHAKVKKLFVGGGLKGDVAE GDLIEHFSQFGTVEKAEIIADKQSGKKRGFGFVYFQNHDAADKAAVVKFHPIQGHRV EVKKAVPKEDIYSGGGGGGSRSSRGGRGGRGRGGGRDQNGLSKGGGGGYNSYG

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GYGGGGGGGYNAYGGGGGGSSYGGSDYGNGFGGFGSYSQHQSSYGPMKSGGG
GGGGGSSWGGRSNSGPYRGGYGGGGGYGGSSFTRTRPLEQKLISEEDLAANDIL
DYKDDDDKV

Purity > 80% as determined by SDS-PAGE and Coomassie blue staining

Stability Stable for 3 months from receipt of products under proper storage and handling conditions.

Storage Store at -80 centigrade. Avoid repeated freeze-thaw cycles.

Concentration 50 µg/mL as determined by BCA

Storage Buffer 100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name HNRNPA0 heterogeneous nuclear ribonucleoprotein A0 [Homo sapiens (human)]

Official Symbol HNRNPA0

Synonyms HNRNPA0; heterogeneous nuclear ribonucleoprotein A0; HNRPA0; heterogeneous nuclear ribonucleoprotein A0; hnRNA binding protein; hnRNP A0

Gene ID 10949

mRNA Refseq NM_006805

Protein Refseq NP_006796

MIM 609409

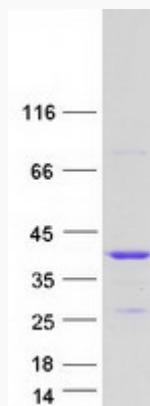
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UniProt ID

Q13151

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