

Recombinant Human HNRNPA1 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. HNRNPA1-3033H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	HNRNPA1 MS Standard C13 and N15-labeled recombinant protein (NP_112420) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	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.
Molecular Mass	38.6 kDa
AA Sequence	MSKSESPKEPEQLRKLFIGGLSFETTDESLRSHFEQWGTLTDCVVMRDPNTKRSRG FGFVTYATVEEVDAAMNARPHKVDGRVVEPKRAVSREDSQRPGAHLTVKKIFVGGI KEDTEEHHLRDYFEQYGKIEVIEIMTDRGSGKKRGFAFVTDDHDSVDKIVIQKYHTV NGHNCEVRKALSKQEMASASSSQRGRSGSGNFGGGRGGGFGGNDNFGRGGNFS

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GRGGFGGSRGGGGYGGSGDGYNGFGNDGGYGGGGPGYSGGSRGYGSGGQGY
 GNQGSYGGSGSYDSYNNGGGGGFGGGSGSNFSGGGSYNDFGNYNNQSSNFG
 PMKGGNFGGRSSGPYGGGGQYFAKPRNQGGYGGFSSSSSYGSGRRFTRTRPLE
 QKLISEEDLAANDILDYKDDDDKV

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 [HNRNPA1 heterogeneous nuclear ribonucleoprotein A1 \[Homo sapiens \(human\) \]](#)

Official Symbol [HNRNPA1](#)

Synonyms HNRNPA1; heterogeneous nuclear ribonucleoprotein A1; HNRPA1; hnRNP A1; hnRNPA1; hnRNP A1-like 3; hnRNP core protein A1; helix-destabilizing protein; hnRNP core protein A1-like 3; single-strand RNA-binding protein; single-strand DNA-binding protein UP1; nuclear ribonucleoprotein particle A1 protein; heterogeneous nuclear ribonucleoprotein B2 protein; heterogeneous nuclear ribonucleoprotein A1B protein; heterogeneous nuclear ribonucleoprotein core protein A1; Putative heterogeneous nuclear ribonucleoprotein A1-like 3; HNRPA1L3; hnRNP-A1; MGC102835;

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Gene ID	3178
mRNA Refseq	NM_031157
Protein Refseq	NP_112420
MIM	164017
UniProt ID	P09651
SDS-PAGE	