

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

Cat. No. HNRNPU-4381H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	HNRNPU MS Standard C13 and N15-labeled recombinant protein (NP_004492) 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 proteins that bind nucleic acids and function in the formation of ribonucleoprotein complexes in the nucleus with heterogeneous nuclear RNA (hnRNA). The encoded protein has affinity for both RNA and DNA, and binds scaffold-attached region (SAR) DNA. Mutations in this gene have been associated with epileptic encephalopathy, early infantile, 54. A pseudogene of this gene has been identified on chromosome 14.
Molecular Mass	89 kDa
AA Sequence	MSSSPVNVKCLKVSELKEELKKRRLSDKGLKAELMERLQAALDDEEAGGRPAMEPG NGSLDLGGDSAGRSGAGLEQEAAGGDEEEEEEEEEEGISALDGDQMELGEENG AAGAADSGPMEEEEAAASEDENGDDQGFQEGEDELGDEEEGAGDENGHGEQQPQ PPATQQQQPQQQRGAAKEAAGKSSGPTSLFAVTVAPPGARQGQQQAGGDGKTEQ KGGDKKRGVVKRPREDHGRGYFEYIEENKYSRAKSPQPPVEEEDHFDDTVVCLDT YNCDLHFKISRDRLSASSLTMESFAFLWAGGRASYGVSKGKVCFEMKVTEKIPVRHL YTKDIDIHEVRIGWSLTTSGMLLGEEEFSGYSLKGIKTCNCETEDYGEKFDENDVIT

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CFANFESDEVELSYAKNGQDLGVAFKISKEVLAGRPLFPHVLCHNCAVEFNFGQKE
 KPYFFIPEEYTFIQNVPLEDRVRGPKGPKEKKDCEVMMIGLPGAGKTTWVTKHAAE
 NPGKYNILGTNTIMDKMMVAGFKKQMADTGKLNLTLLQRAPQCLGKFIEIAARKKRNF
 LDQTNVSAAAQRRKMCLFAGFQRKAVVVC PKDEDYKQRTQKKA EVEGKDLPEHAV
 LKMKG NFTLPEVAECFDEITYVELQKEEAQKLLEQYKEESKKALPPEKKQNTGSKKS
 NKNKSGKNQFNRRGGHRRGGFNMRGGNFRGGAPGNRRGGYNRRGNMPQRGG
 GGGGSGGIGYPYPRAPVFPGRGSYSNRGNYNRRGMPNRRGNYNQNFRGRGNRRG
 YKNQSQGYNQWQQGQFWGQKPWSQHYHQGY YTRTRPLEQKLISEEDLAANDILD
 YKDDDDKV

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 HNRNPU heterogeneous nuclear ribonucleoprotein U [Homo sapiens (human)]

Official Symbol HNRNPU

Synonyms HNRNPU; heterogeneous nuclear ribonucleoprotein U (scaffold attachment factor A); HNRPU; heterogeneous nuclear ribonucleoprotein U; hnRNPU; SAF A; pp120; p120 nuclear protein; scaffold attachment factor A; SAF-A; U21.1; hnRNP U;

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Gene ID	3192
mRNA Refseq	NM_004501
Protein Refseq	NP_004492
MIM	602869
UniProt ID	Q00839
SDS-PAGE	