

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	MSSSPVNVKCLKVSELKEELKKRRLSDKGLKAELEMERLQAALDDEEAGGRPAMEPG NGSLDLGGDSAGRSGAGLEQEAAGGDEEEEEEEEEEGISALDGDQMELGEENG AAGAADSGPMEEEEAAASEDENGDDQGFQEGEDELGDEEEGAGDENGHGEQQPQ PPATQQQQPQQQRGAAKEAAGKSSGPTSLFAVTVAPPGARQQQQAGGDGKTEQ KGGDKKRGVKRPREDHGRGYFEYIEENKYSRAKSPQPPVEEEDHFDDTVVCLDT YNCDLHFKISRDRLSASSLTMESFAFLWAGGRASYGVSKGKVCFEMKVTEKIPVRHL YTKDIDIHEVRIGWSLTTSGMLLGEEEFSGYSLKGIKTCNCETEDYGEKFDENDVIT

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CFANFESDEVELSYAKNGQDLGVAFKISKEVLAGRPLFPHVLCHNCAVEFNFGQKE
 KPYFFPIPEEYTFIQNVPLEDRVRGPKGPEEKKDCEVVMIGLPGAGKTTWVTKHAAE
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 GGGGSGGIGYPYPRAPVFPGRGSYSNRGNYNRRGMPNRRGNYNQNFRGRGNRRG
 YKNQSQGYNQWQQGQFWGQKPWSQHYHQGYTRTRPLEQKLISEEDLAANDILD
 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;

Gene ID 3192

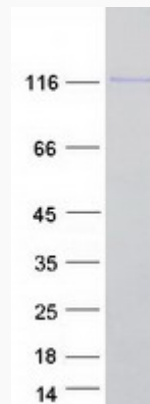
mRNA Refseq NM_004501

Protein Refseq NP_004492

MIM 602869

UniProt ID Q00839

SDS-PAGE



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