

Product datasheet for PH301627

hnRNP U (HNRNPU) (NM_004501) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	HNRNPU MS Standard C13 and N15-labeled recombinant protein (NP_004492)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC201627
Predicted MW:	89 kDa
Protein Sequence:	>RC201627 protein sequence Red=Cloning site Green=Tags(s)

MSSSPVNVKLLKVSSELKEELKKRRLSDKGLKAELMERLQAALDDEEAGGRPAMEPGNGSLDLGGDSAGRS
GAGLEQEAAAGGDEEEEEEEEEEGISALDGDQMELGEENGAAGAADSGPMEEEEAAASEDENGDDQGFQE
GEDELGDEEEGAGDENGHGEQQPQPATQQQQPQQQGAKEAAGKSSGPTSLFAVTVAPPGARQQGQQA
GGDGKTEQKGGDKKRGVCRPREDHGRGYFEYIEENKYSRAKSPQPPVEEEDHFDDTVVCLDTYNCDLHF
KISRDL SASSL TMSFAFLWAGGRASYGVSKGKVCVFEMKVTEKIPVRHL YTKDIDIHEVRIGWSLTTSG
MLLGEEEF SYGSLKGIKTCNCETEDYGEKFDENDVITCFANFESDEVELSYAKNGQDLGVAFKISKEVL
AGRPLFPVHLCHNCAVEFNFGQKEKPYFPIPEEYTFIQNVPLEDRVRGPKGPEEKDCEVMMIGLPGAG
KTTWVTKHAAENPGKYNILGTNTIMDKMMVAGFKKQMATDGKLNLLQRAPOCLGKFIEIAARKRNFIL
DQTNVSAQAARRKMCLFAGFQRKAVVVCPKDEDYKQRTQKKAEEVEGKDLPEHAVLKMKGNFLEPEVAECF
DEITYVELQKEEAQKLEQYKEESKKALPPEKKQNTGSKKSNKNKSGKNQFNRRGGHRRGGFNMRGGNF
RGGAPGNRGGYNRRGNMPQRGGGGGGGGIGYPYPRAPVFPGRGYSNRGNYNRGGMPNRRGNYNQNFRRGR
GNNRGYKNQSQGYNQWQQGQFWGQKPSQHYHQYY

TRTRPLEQKLI SEEDLAANDILDYKDDDDKV

Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- 13C6, 15N4]-L-Arginine and [U- 13C6, 15N2]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	NP_004492



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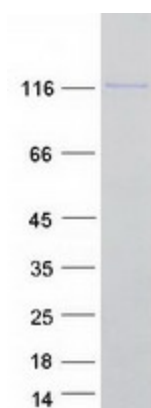
RefSeq Size:	6789
RefSeq ORF:	2418
Synonyms:	DEE54; EIEE54; GRIP120; hnRNP U; HNRNPU-AS1; HNRPU; pp120; SAF-A; SAFA; U21.1
Locus ID:	3192
UniProt ID:	Q00839
Cytogenetics:	1q44

Summary: 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. [provided by RefSeq, Jun 2017]

Protein Families: Druggable Genome

Protein Pathways: Spliceosome

Product images:



Coomassie blue staining of purified HNRNPU protein (Cat# [TP301627]). The protein was produced from HEK293T cells transfected with HNRNPU cDNA clone (Cat# [RC201627]) using MegaTran 2.0 (Cat# [TT210002]).