

## Product datasheet for TP301627L

### hnRNP U (HNRNPU) (NM\_004501) Human Recombinant Protein

#### Product data:

<b>Product Type:</b>	Recombinant Proteins
<b>Description:</b>	Recombinant protein of human heterogeneous nuclear ribonucleoprotein U (scaffold attachment factor A) (HNRNPU), transcript variant 2, 1 mg
<b>Species:</b>	Human
<b>Expression Host:</b>	HEK293T
<b>Expression cDNA Clone or AA Sequence:</b>	>RC201627 protein sequence <b>Red</b> =Cloning site <b>Green</b> =Tags(s)
	<p>MSSSPVNVKCLKVSELKEELKKRRLSDKGLKAELMERLQAALDDEEAGGRPAMEPGNGSLDLGGDSAGRS GAGLEQEAAGGDEEEEEEEEEEGISALDGDQMELGEEGAAGAADSGPMEEEEAASEDENGDDQGFQE GEDELGDEEEGAGDENGHGEQQPQPATQQQQPQQRGAKEAAGKSSGPTSLFAVTVAPPGARQQQQA GGDGKTEQKGGDKKRGVVKRPREDHGRGYFEYIEENKYSRAKSPQPPVEEEDHFDDTVVCLDTYNCDLHF KISRDRLSASLTMESFAFLWAGGRASYGVSKGKVCFEMKVTEKIPVRHLYTKDIDIHEVRIGWSLTTSG MLLGEEEFSGYSLKGIKTCNCETEDYGEKFDENDVITCFANFESDEVELSYAKNGQDLGVAFKISKEVL AGRPLFPHVLCHNCAVEFNFGQKEKPYFPIPEEYTFIQNVPLEDRVRGPKGPEEKKDCEVMMIGLPGAG KTTWVTKHAAENPGKYNILGTNTIMDKMMVAGFKKQMA DTGKLN TLLQRAPQCLGKFIEIAARKRNFIL DQTNVSAAAQRRKMCLFAGFQRKAVVWCPKDEYKQRTQKKAIEVEGKDLPEHAVLKMKNFTLPEVAECF DEITYVELQKEEAQKLEQYKEESKALPPEKKQNTGSKSNKNKSGKNQFNRRGGGHRGRGGFNMRGGNF RGGAPGNRGGYNRRGNMPQRGGGGGGSGGIGYPYPRAPVFPGRGSYSNRGNYNRGGMPNRRGNYNQNRFRGR GNNRGYKNQSQGYNQWQQGQFWGQKPWSQHYHQGY</p> <p><b>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</b></p>
<b>Tag:</b>	C-Myc/DDK
<b>Predicted MW:</b>	88.8 kDa
<b>Concentration:</b>	>0.05 µg/µL as determined by microplate BCA method
<b>Purity:</b>	> 80% as determined by SDS-PAGE and Coomassie blue staining
<b>Buffer:</b>	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
<b>Preparation:</b>	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.



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**Note:** For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.

**Storage:** Store at -80°C.

**Stability:** Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.

**RefSeq:** [NP\\_004492](#)

**Locus ID:** 3192

**UniProt ID:** [Q00839](#)

**RefSeq Size:** 6789

**Cytogenetics:** 1q44

**RefSeq ORF:** 2418

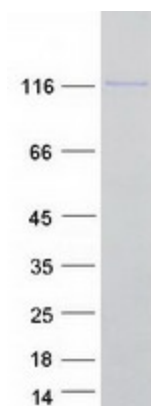
**Synonyms:** DEE54; EIEE54; GRIP120; hnRNP U; HNRNPU-AS1; HNRPU; pp120; SAF-A; SAFA; U21.1

**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]).