

Product datasheet for TP301627M

hnRNP U (HNRNPU) (NM_004501) Human Recombinant Protein

Product data:

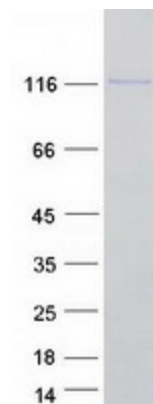
Product Type:	Recombinant Proteins
Description:	Recombinant protein of human heterogeneous nuclear ribonucleoprotein U (scaffold attachment factor A) (HNRNPU), transcript variant 2, 100 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC201627 protein sequence Red =Cloning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