

Product datasheet for **TP301843L**

hnRNP K (HNRNPK) (NM_002140) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human heterogeneous nuclear ribonucleoprotein K (HNRNPK), transcript variant 1, 1 mg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC201843 protein sequence Red =Cloning site Green =Tags(s)
	<p>METEQPEETFPNTEETNGFEFGKRPAAEDMEEEQAFKRSRNTDEMVELRILLQSKNAGAVIGKGGKNIKALRT DYNASVSVDPSSGPERILSISADIETIGEILKKIIPTEEGQLPSPTATSQLPLESDAVECLNYQHYKG SDFDCELRLLIHQSLAGGIIGVKGAKIKELRENTQTTIKLFQECPPHSTDRVVLIGGKPDWRVECIKIL DLISESPIKGRAQPYDPNFYDETYDYGGFTMMFDDRRGRPVGFPMRGRGGFDRMPPGRGGRRMPPSRRDY DDMSPRRGPPPPPPGRGGGRGSRARNLPLPPPPPPRGGDLMAYDRRGRPGDRYDGMVGFSADETWDASID TWSPEWQMAYEPQGGSGYDYSYAGGRGSYDGLGGPIITTQVTIPKDLAGSIIGKGGQRIKQIRHESGAS IKIDEPLEGSEDRIITITGTQDQIQNAQYLLQNSVKQYADVEGF</p> <p>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</p>
Tag:	C-Myc/DDK
Predicted MW:	50.8 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
Bioactivity:	HNRNPK Activity verified in a DNA-binding assay:
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
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.



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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_002131](#)

Locus ID: 3190

UniProt ID: [P61978](#)

RefSeq Size: 2995

Cytogenetics: 9q21.32

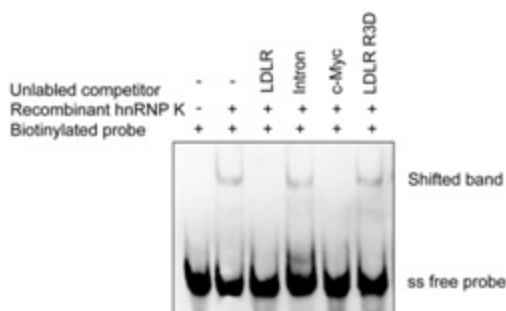
RefSeq ORF: 1392

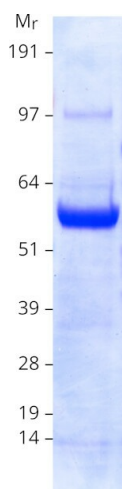
Synonyms: AUKS; CSBP; HNRPK; TUNP

Summary: This gene belongs to the subfamily of ubiquitously expressed heterogeneous nuclear ribonucleoproteins (hnRNPs). The hnRNPs are RNA binding proteins and they complex with heterogeneous nuclear RNA (hnRNA). These proteins are associated with pre-mRNAs in the nucleus and appear to influence pre-mRNA processing and other aspects of mRNA metabolism and transport. While all of the hnRNPs are present in the nucleus, some seem to shuttle between the nucleus and the cytoplasm. The hnRNP proteins have distinct nucleic acid binding properties. The protein encoded by this gene is located in the nucleoplasm and has three repeats of KH domains that binds to RNAs. It is distinct among other hnRNP proteins in its binding preference; it binds tenaciously to poly(C). This protein is also thought to have a role during cell cycle progression. Several alternatively spliced transcript variants have been described for this gene, however, not all of them are fully characterized. [provided by RefSeq, Jul 2008]

Protein Pathways: Spliceosome

Product images:





Coomassie blue staining of purified HNRNPK protein (Cat# [TP301843]). The protein was produced from HEK293T cells transfected with HNRNPK cDNA clone (Cat# [RC201843]) using MegaTran 2.0 (Cat# [TT210002]).