

Product datasheet for **TP315956M**

HNRNPC (NM_031314) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human heterogeneous nuclear ribonucleoprotein C (C1/C2) (HNRNPC), transcript variant 1, 100 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC215956 representing NM_031314 Red =Cloning site Green =Tags(s)

MASNVTKTDPRSMNSRVFIGNLNLTLVVKKSDVEAIFSKYKIVGCSVHKGFVQYVNERNARA AVAGE
DGRMIAGQVLDINLAAEPKVN RGKAGVKRSAAEMYGSVTEHPSPSPLSSFDLDYDFQRDYDRMYSYP
ARVPPPPPIARAVVPSKRQRVSGNTSRRGKSGFNSKSGQRGSSKSGKLGDDLQAIKKELTQIKQKVDLSL
LENLEKIEKEQSKQAVEMKNDKSEEEQSSSSVKKDETNVKMESGGGADDSAEEDLLDDDDNEDRGDDQL
ELIKDDEKEAEEGEDDRDSANGEDDS

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-Myc/DDK
Predicted MW:	33.5 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.
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:	<u>NP_112604</u>
Locus ID:	3183



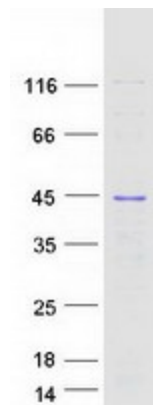
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UniProt ID: [P07910](#)
RefSeq Size: 3252
Cytogenetics: 14q11.2
RefSeq ORF: 918
Synonyms: C1; C2; HNRNP; HNRPC; SNRPC

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 can act as a tetramer and is involved in the assembly of 40S hnRNP particles. Multiple transcript variants encoding at least two different isoforms have been described for this gene. [provided by RefSeq, Jul 2008]

Protein Pathways: Spliceosome

Product images:



Coomassie blue staining of purified HNRNPC protein (Cat# [TP315956]). The protein was produced from HEK293T cells transfected with HNRNPC cDNA clone (Cat# [RC215956]) using MegaTran 2.0 (Cat# [TT210002]).