

Product datasheet for PH302788

HNRNPC (NM_001077442) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	HNRNPC MS Standard C13 and N15-labeled recombinant protein (NP_001070910)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC202788
Predicted MW:	33.6 kDa
Protein Sequence:	>RC202788 protein sequence Red=Cloning site Green=Tags(s)
	MASNVTNKTDPRSMNSRVFIGNLNTLVVKKSDVEAIFSKYGGKIVGCSVHKGFVQYVNERNARA AVAGE DGRMIAGQVLDINLAAEPKVN RGKAGVKRSAAEMYGSVTEHPSPLSSSFDLDYDFQRDYDRMYSYP ARVPPPPPIARAVVPSKRQRVSGNTRSRRGKSGFNSKSGQRGSSKSGKLGDDLQAIKKELTQIKQKVDLSL LENLEKIEKEQSKQAVEMKNDKSEEEQSSSVKKDET NVKMEGGGADDSAEEGDLLDDDDNEDRGDDQL ELIKDDEKEAEEGEDDRDSANGEDDS
	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- ¹³ C ₆ , ¹⁵ N ₄]-L-Arginine and [U- ¹³ C ₆ , ¹⁵ N ₂]-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_001070910
RefSeq Size:	3226
RefSeq ORF:	918
Synonyms:	C1; C2; HNRNP; HNRPC; SNRPC
Locus ID:	3183



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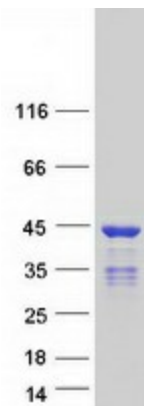
UniProt ID: [P07910](#)

Cytogenetics: 14q11.2

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# [TP302788]). The protein was produced from HEK293T cells transfected with HNRNPC cDNA clone (Cat# [RC202788]) using MegaTran 2.0 (Cat# [TT210002]).