

Product datasheet for PH320809

HNRNP (NM_001003810) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	HNRNP MS Standard C13 and N15-labeled recombinant protein (NP_001003810)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC220809
Predicted MW:	30.5 kDa
Protein Sequence:	>RC220809 representing NM_001003810 Red=Cloning site Green=Tags(s) MSEEQFGGDGAAAAATAAVGGSAGEQEGAMVAATQGAAAAAGSGAGTGGGTASGGTEGGSASEGAKIDA SKNEDEGKMF IGGLSWDTTKDLKDYFSKFGEVVDCTLKLDPIITGRSRGFVLFKESESVDKVMQKE HKLNGKVIDPKRAKAMKTKEPVKKIFVGGSPDTPEEKIREYFGGFGEVESIELPMDNKNKRRGFCFIT FKEEEPVKKIMEKKYHNVGLSKCEIKVAMSKEQYQQQQWGSRRGFAGRARGGGDQSGYGKVSRRGGH QNSYKPY 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:	<u>NP_001003810</u>
RefSeq Size:	2053
RefSeq ORF:	861
Synonyms:	AUF1; AUF1A; hnRNP0; HNRPD; P37
Locus ID:	3184



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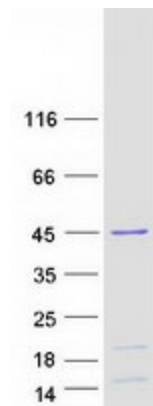
UniProt ID: [Q14103](#)

Cytogenetics: 4q21.22

Summary: This gene belongs to the subfamily of ubiquitously expressed heterogeneous nuclear ribonucleoproteins (hnRNPs). The hnRNPs are nucleic acid 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 has two repeats of quasi-RRM domains that bind to RNAs. It localizes to both the nucleus and the cytoplasm. This protein is implicated in the regulation of mRNA stability. Alternative splicing of this gene results in four transcript variants. [provided by RefSeq, Jul 2008]

Protein Families: Druggable Genome, Transcription Factors

Product images:



Coomassie blue staining of purified HNRNPD protein (Cat# [TP320809]). The protein was produced from HEK293T cells transfected with HNRNPD cDNA clone (Cat# [RC220809]) using MegaTran 2.0 (Cat# [TT210002]).