

Product datasheet for **AR09905PU-S**

hnRNP-C1/C2 / HNRNPC (1-293, His-tag) Human Protein

Product data:

Product Type:	Recombinant Proteins
Description:	hnRNP-C1/C2 / HNRNPC (1-293, His-tag) human recombinant protein, 10 µg
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	<u>MGSSHHHHHH SGLVPRGSH</u> MASNVTNKTD PRSMNSRVFI GNLNTLVVKK SDVEAIFSKY GKIVGCSVHK GFAFVQYVNE RNARA AVAGE DGRMIAGQVL DINLAAEPKV NRGKAGVKRS AAEMYGSSFD LDYDFQRDYY DRMYSYPARV PPPPIARAV VPSKRQRVSG NTSRRGKSGF NSKSGQRGSS KSGKLGDDL QAIKKELTQI KQKVDLLEN LEKIEKEQSK QAVEMKNDKS EEEQSSSSVK KDETNVKMES EGGADDSAE E GDLLDDDDNE DRGDDQLELI KDEKEAE EGG EDDRDSANGE DDS
Tag:	His-tag
Predicted MW:	34.5 kDa
Concentration:	lot specific
Purity:	>85%
Buffer:	Presentation State: Purified State: Liquid purified protein Buffer System: 20 mM Tris-HCl buffer (pH 8.0) containing 0.2M NaCl, 5 mM DTT, 30% glycerol
Preparation:	Liquid purified protein
Protein Description:	Recombinant human HNRNPC protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.
Storage:	Store undiluted at 2-8°C for up to two weeks or (in aliquots) at -20°C or -70°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
RefSeq:	<u>NP_001070910</u>
Locus ID:	3183
UniProt ID:	<u>P07910</u>
Cytogenetics:	14q11.2
Synonyms:	C1; C2; HNRNP; HNRPC; SNRPC



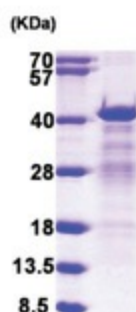
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Summary:

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:

15% SDS-PAGE (3ug)