

**HNRNPC, 1-293aa, Human, His tag, E.coli**

**Cat.NO.: TP02480**

3th Edition

**Synonyms:**Heterogeneous nuclear ribonucleoprotein C (C1/C2), C1, C2, HNRNP, HNRPC, SNRPC

**Description:**HNRNPC, also known as hnRNP C1/C2, belongs to the subfamily of ubiquitously expressed heterogeneous nuclear ribonucleoproteins (hnRNPs). 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.

**Form:**Liquid. In 20 mM Tris-HCl buffer (pH8.0) containing 0.2M NaCl,5mM DTT, 30% glycerol

**Molecular Weight:**34.5 kDa (313aa) confirmed by MALDI-TOF, (Molecular weight on SDS-PAGE will appear higher)

**Sequences:**

MGSSHHHHHSSGLVPRGSHMASNVTNKTDPRSMNSRVFIGNLNTLVVKKSDVEAIFSKYGGKIVGCSVHKGFAFV  
QYVNERNARA AVAGEDGRMIAGQVLDINLAAEPKVN RGKAGVKRSAAEMYGSSFDLDYDFQRDYDRMYSYPAR  
VPPPPPIARAVVPSKRQRVSGNTSRRGKSGFNSKSGQRGSSKSGKLGDDLQAIKKELTQIKQKVDSLLENLEKIEK  
EQSKQAVEMKNDKSEEEQSSSSVKKDET NVKMESEGGADDSAEEGDLLDDDDNEDRGDDQLELIKDDEKEAEEG  
EDDRDSANGEDDS

**Purity:**> 95% by HPLC

**Concentration:**0.25 mg/ml (determined by Bradford assay)

**Endotoxin Level:**<1.0 EU per 1 ug of protein (determined by LAL method)

**Storage:**Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.