

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:

MGSSHHHHHHSSGLVPRGSHMASNVTKTDPRSMNSRVFIGNLNTLVVKKSDVEAIFSKYKGKIVGCSVHKGFV
QYVNERNARA AVAGEDGRMIAGQVLDINLAAEPKVN RGKAGVKRSAAEMYGSSFDLDYDFQRDYDRMYSYPAR
VPPPPPIARAVVPSKRQRVSGNTSRRGKSGFNSKSGQRGSSKSGKLKGDDLQA IKKELTQIKQKVD SLLLENLEKIEK
EQSKQAVEMKNDKSEEEQSSSSVKKDET NVKMESEGGADDSAE EGDLLDDDDNEDRGDDQLELIKDDEKEAEEG
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.