

32-3982: HNRNPC Recombinant Protein

Alternative Name : Heterogeneous Nuclear Ribonucleoprotein C (C1/C2),HNRPC,hnRNP C1/C2,hnRNP C1,C2,SNRPC,MGC104306,MGC105117,MGC117353,MGC131677.

Description

Source : Escherichia Coli. HNRNPC produced in E.Coli is a single, non-glycosylated polypeptide chain containing 313 amino acids (1-293a.a.) and having a molecular mass of 34.5kDa (Molecular weight on SDS-PAGE will appear higher). HNRNPC is fused to a 20 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques. HNRNPC is a member of the subfamily of ubiquitously expressed heterogeneous nuclear ribonucleoproteins (hnRNPs) which are related to pre mRNAs in the nucleus and effect pre mRNA processing and other aspects of mRNA metabolism and transport. Although all of the hnRNPs are present in the nucleus, several hnRNPs travel between the nucleus and the cytoplasm. The hnRNP proteins have specific nucleic acid binding properties.

Product Info

Amount : 5 µg

Purification : Greater than 85% as determined by SDS-PAGE.

Content : The HNRNPC protein solution (0.25mg/ml) is formulated in 20mM Tris-HCl buffer (pH8.0), 200mM NaCl, 5mM DTT and 30% glycerol.

Storage condition : Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

Amino Acid : MGSSHHHHHH SGLVPRGSH MASNVTNKTD PRSMNSRVFI GNLNTLVVKK SDVEAIFSKY GKIVGCSVHK GFAFVQYVNE RNARA VAGE DGRMIAGQVL DINLAAEPKV NRGKAGVKRS AAEMYGSSFD LDYDFQRDYY DRMYSPARV PPPPIARAV VPSKRQRVSG NTSRRGKSGF NSKSGQRGSS KSGKLKGDLL QAIKKELTQI KQKVDLLEN LEKIEKEQSK QAVEMKNDKS EEEQSSSSVK KDET NVKMES EGGADDSAE E GDLLDDDDNE DRGDDQLELI KDDEKEAE EG EDDRDSANGE DDS.

