

Recombinant Full Length Human HNRNPC Protein, GST-tagged

Cat. No. HNRNPC-3679HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human HNRNPC full-length ORF (AAH89438.1, 1 a.a. - 250 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	250 amino acids
Description	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]
Molecular Mass	54.2 kDa
AA Sequence	MASNVTNKTDPRSMNSRVFIGNLNTLVVKKSDVEAIFSKYGKIVGCSVHKGFAFVQY VNERNARA AVAGEDGRMIAGQVLDINLAAEPKVN RGKAGVKRSAAEMYGSSFDLDY

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DFQRDYYDRMYSYPARVPPPPPIARAIKKELTQIKQKVDSLLENLEKIEKEQSKQAVE
MKNDKSEEEQSSSSVKKDETNVKMESEGGADDSAEEGDLLDDDDNEDRGDDQLE
LIKDDKEAEEGEDDRDSANGEDDS

Applications

Enzyme-linked Immunoabsorbent Assay
Western Blot (Recombinant protein)
Antibody Production
Protein Array

Notes

Best use within three months from the date of receipt of this protein.

Storage

Store at -8 centigrade. Aliquot to avoid repeated freezing and thawing.

Storage Buffer

50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION

Gene Name

[HNRNPC heterogeneous nuclear ribonucleoprotein C \(C1/C2\) \[Homo sapiens \]](#)

Official Symbol

[HNRNPC](#)

Synonyms

HNRNPC; heterogeneous nuclear ribonucleoprotein C (C1/C2); HNRPC;
heterogeneous nuclear ribonucleoproteins C1/C2; hnRNP; hnRNP C1/C2; nuclear
ribonucleoprotein particle C1 protein; nuclear ribonucleoprotein particle C2 protein;
C1; C2; HNRNP; SNRPC; MGC104306; MGC105117; MGC117353; MGC131677;

Gene ID

[3183](#)

mRNA Refseq

[NM_001077442](#)

Protein Refseq

[NP_001070910](#)

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MIM	164020
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UniProt ID	P07910
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