

Recombinant Human HNRNPC, GST-tagged

Cat. No. HNRNPC-13868H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human HNRNPC protein, fused to GST-tag, was expressed in E.coli and purified by GSH-sepharose.
Species	Human
Source	E.coli
ProteinLength	1-293a.a.
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.
Storage	The protein is stored in PBS buffer at -20°C. Avoid repeated freezing and thawing cycles.
Storage Buffer	1M PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH8.) added with 100mM GSH and 1% Triton X-100, 15% glycerol.

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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; hnRNPC; 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
MIM	164020
UniProt ID	P07910
Chromosome Location	14q11
Pathway	Gene Expression, organism-specific biosystem; Processing of Capped Intron-Containing Pre-mRNA, organism-specific biosystem; Regulation of Telomerase, organism-specific biosystem; Spliceosome, organism-specific biosystem; Spliceosome, conserved biosystem; mRNA Splicing, organism-specific biosystem; mRNA Splicing - Major Pathway, organism-specific biosystem;
Function	RNA binding; identical protein binding; nucleotide binding; protein binding;

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