

## Product datasheet for TP504015

### Hnrnpc (NM\_001170984) Mouse Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse heterogeneous nuclear ribonucleoprotein C (Hnrnpc), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR204015 protein sequence <b>Red</b> =Cloning site <b>Green</b> =Tags(s)
	MASNVTNKTDPRSMNSRVFIGNLNLTLVVKKSDVEAIFSKYGKIVGRSVHKGFAFVQYVNERNARA AVAGE DGRMIAGQVLDINLAAEPKVN RGKAGVKR SAAEMYGSSFDLDYDFQRDYDRMYSYPARVPPPPPIARAV VPSKRQRVSGNTSRRGKSGFNSKSGQRGSSSKSGKLKGGDLQAIKKELTQIKQKVDLSLESLEKIEKEQS KQAEMKNEKSEEEQSSASVKKDET NVKMESEAGADDSAEEGDLLDDDDNEDRGDDQLELKDDEKEPEEGE DDRDSANGEDDS
	<b>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</b>
Tag:	C-MYC/DDK
Predicted MW:	32.3 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C after receiving vials.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	<a href="#">NP_001164455</a>
Locus ID:	15381
UniProt ID:	<a href="#">Q9Z204</a>



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RefSeq Size:	2781
Cytogenetics:	14 26.79 cM
RefSeq ORF:	879
Synonyms:	AL022939; D14Wsu171e; hnrnp-C; hnRNPC1; hnRNPC2; Hnrpc; Hnrpc1; Hnrpc2
Summary:	<p>Binds pre-mRNA and nucleates the assembly of 40S hnRNP particles. Interacts with poly-U tracts in the 3' UTR or 5'-UTR of mRNA and modulates the stability and the level of translation of bound mRNA molecules. Single HNRNPC tetramers bind 230-240 nucleotides. Trimers of HNRNPC tetramers bind 700 nucleotides. May play a role in the early steps of spliceosome assembly and pre-mRNA splicing. N6-methyladenosine (m6A) has been shown to alter the local structure in mRNAs and long non-coding RNAs (lncRNAs) via a mechanism named 'm(6)A-switch', facilitating binding of HNRNPC, leading to regulation of mRNA splicing.</p> <p>[UniProtKB/Swiss-Prot Function]</p>