

Recombinant Human RRP9 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. RRP9-5771H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	RRP9 MS Standard C13 and N15-labeled recombinant protein (NP_004695) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	This gene encodes a member of the WD-repeat protein family. The encoded protein is a component of the nucleolar small nuclear ribonucleoprotein particle (snoRNP) and is essential for 18s rRNA processing during ribosome synthesis. It contains seven WD domains required for nucleolar localization and specific interaction with the U3 small nucleolar RNA (U3 snoRNA).
Molecular Mass	51.8 kDa
AA Sequence	MSATAAARKRGKPASGAGAGAGAGAKRRRKADSAGDRGKSKGGGKMNEEISSDSE SESLAPRKPEEEEEEELEETAQEKKLRLAKLYLEQLRQQEEEEKAEARAFEEEDQVAG RLKEDVLEQRGRQLVAKLVAKEIQAPASADIRVLRGHQLSITCLVVTTPDDSAIFSAAKDC SIIKWSVESGRKLHVIPRAKKGAEGKPPGHSSHVLCMAISSDGKYLASGDRSKLILIW EAQSCQHLYTFTGHRDAVSGLAFRRGTHQLYSTSHDRSVKVNVAENSYVETLFG HQDAVAALDALSRECCVTAGGRDGTVRVWVKIPEESQLVFYGHQGSIDCIHLINEEHM VSGADDGSVALWGLSKKRPLALQREAHGLRGEPLQPFWISSVAALLNTDLVATG SHSSCVRLWQCCEGFRQLDLLCDIPLVGFINSKLFSSSGDFLVAGVGQEHRLGRW

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WRIKEARNNSVCIPLRRVPVPPAAGSTRTRPLEQKLISEEDLAANDILDYKDDDDKV

Purity > 80% as determined by SDS-PAGE and Coomassie blue staining

Stability Stable for 3 months from receipt of products under proper storage and handling conditions.

Storage Store at -80 centigrade. Avoid repeated freeze-thaw cycles.

Concentration 50 µg/mL as determined by BCA

Storage Buffer 100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name RRP9 ribosomal RNA processing 9, U3 small nucleolar RNA binding protein [Homo sapiens (human)]

Official Symbol RRP9

Synonyms RRP9; ribosomal RNA processing 9, small subunit (SSU) processome component, homolog (yeast); RNA, U3 small nucleolar interacting protein 2, RNU3IP2; U3 small nucleolar RNA-interacting protein 2; U3 55K; RRP9 homolog; U3 snoRNP-associated 55 kDa protein; U3 snoRNP-associated 55-kDa protein; RNA, U3 small nucleolar interacting protein 2; RRP9, small subunit (SSU) processome component, homolog; U3 small nucleolar ribonucleoprotein-associated 55 kDa protein; U3-55K; RNU3IP2;

Gene ID 9136

mRNA Refseq NM_004704

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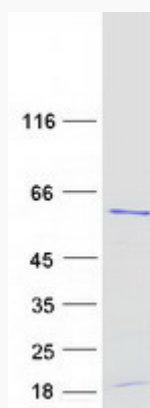
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Protein Refseq NP_004695

UniProt ID O43818

SDS-PAGE



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