

## Product datasheet for PH315855

### RNS10 (RNASE10) (NM\_001012975) Human Mass Spec Standard

#### Product data:

Product Type:	Mass Spec Standards
Description:	RNASE10 MS Standard C13 and N15-labeled recombinant protein (NP_001012993)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC215855
Predicted MW:	24 kDa
Protein Sequence:	>RC215855 protein sequence Red=Cloning site Green=Tags(s)  MKLNLVQIFFMMLMLLLGLGMGLGLGLHMATAVLEESDQPLNEFWSSDSQDKAEATEEGDGTQTETLVL SNKEVVQPGWPEDPILGEDEVGGNKMLRASALFQSNKDYLRLDQTDRECNMMAHKMKEPSQSCIAQYAF IHEDLNTYKAVCNSPVIACELKGGKCHKSSRPFDLTLCESQPDQVTPNCNYLTSVIKKHIIITCNMKNR QLPTGQ  TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- <sup>13</sup> C <sub>6</sub> , <sup>15</sup> N <sub>4</sub> ]-L-Arginine and [U- <sup>13</sup> C <sub>6</sub> , <sup>15</sup> N <sub>2</sub> ]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	<a href="#">NP_001012993</a>
RefSeq Size:	651
RefSeq ORF:	648
Synonyms:	RAH1; RNASE9
Locus ID:	338879
UniProt ID:	<a href="#">Q5GAN6</a> , <a href="#">W0UTC4</a>



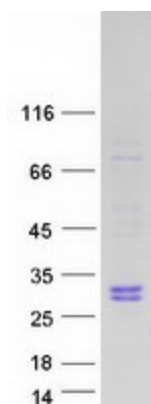
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Cytogenetics: 14q11.2

Summary: Secreted proximal epididymal protein required for post-testicular sperm maturation and male fertility. May be involved in sperm adhesion to the egg zona pellucida. Does not have ribonuclease activity (By similarity).[UniProtKB/Swiss-Prot Function]

Protein Families: Secreted Protein, Transmembrane

### Product images:



Coomassie blue staining of purified RNASE10 protein (Cat# [TP315855]). The protein was produced from HEK293T cells transfected with RNASE10 cDNA clone (Cat# [RC215855]) using MegaTran 2.0 (Cat# [TT210002]).