

## PRODUCT INFORMATION

<b>Target</b>	RNASE4
<b>Synonyms</b>	C730049F20Rik;Rab1
<b>Description</b>	Recombinant mouse RNASE4 protein with C-terminal human Fc tag
<b>Delivery</b>	In Stock
<b>Uniprot ID</b>	Q9JJH1
<b>Expression Host</b>	HEK293
<b>Tag</b>	C-Human Fc Tag
<b>Molecular Characterization</b>	Mouse RNASE4(Gln30-Arg148) hFc(Glu99-Ala330)
<b>Molecular Weight</b>	The protein has a predicted molecular mass of 40.0 kDa after removal of the signal peptide. The apparent molecular mass of mRNASE4-hFc is approximately 35-55 kDa due to glycosylation.
<b>Purity</b>	The purity of the protein is greater than 95% as determined by SDS-PAGE and Coomassie blue staining.
<b>Formulation &amp; Reconstitution</b>	Lyophilized from sterile PBS, pH 7.4. Normally 5% - 8% trehalose is added as protectants before lyophilization. Please see Certificate of Analysis for specific instructions of reconstitution.
<b>Storage &amp; Shipping</b>	Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient temperature.
<b>Background</b>	This gene encodes a member of the pancreatic ribonuclease A superfamily. The encoded enzyme is secreted and has unique uridine specificity. This gene resides in a cluster of highly related genes. It shares dual promoters and 5' exons with the angiogenin, ribonuclease, RNase A family, 5 gene. Each gene splices to a unique downstream exon that contains its complete coding region. Two alternatively spliced variants, with different 5' exons but the same coding exon, have been identified. [provided by RefSeq, Jun 2009]
<b>Usage</b>	Research use only
<b>Conjugate</b>	Unconjugated





Figure 1. Mouse RNASE4 Protein, hFc Tag on SDS-PAGE under reducing condition.

DIMABIO CONFIDENTIAL

