

## Recombinant Human RNAS2 Protein

**Catalog Number:** PDMH100353

**Note:** *Centrifuge before opening to ensure complete recovery of vial contents.*

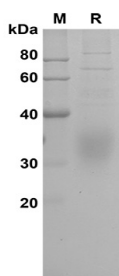
### Description

<b>Species</b>	Human
<b>Source</b>	Mammalian-derived Human RNAS2 protein Met1-Ile161, with an C-terminal His
<b>Calculated MW</b>	18.3 kDa
<b>Observed MW</b>	30-35 kDa
<b>Accession</b>	P10153
<b>Bio-activity</b>	Not validated for activity

### Properties

<b>Purity</b>	> 90% as determined by reducing SDS-PAGE.
<b>Endotoxin</b>	< 1.0 EU/mg of the protein as determined by the LAL method
<b>Storage</b>	Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.
<b>Shipping</b>	This product is provided as lyophilized powder which is shipped with ice packs.
<b>Formulation</b>	Lyophilized from a 0.2 µm filtered solution in PBS with 5% Trehalose and 5% Mannitol.
<b>Reconstitution</b>	It is recommended that sterile water be added to the vial to prepare a stock solution of 0.5 mg/mL. Concentration is measured by UV-Vis.

### Data



SDS-PAGE analysis of Human RNAS2 proteins, 2 µg/lane of Recombinant Human RNAS2 proteins was resolved with SDS-PAGE under reducing conditions, showing bands at 30-35 kDa.

### Background

This is a non-secretory ribonuclease. It is a pyrimidine specific nuclease with a slight preference for U. Cytotoxin and helminthotoxin. Selectively chemotactic for dendritic cells. Possesses a wide variety of biological activities. Eosinophil derived neurotoxin (EDN) is a protein belonging to the ribonuclease (RNase) A superfamily. It has recently been found to have antiviral activity against respiratory syncytial virus and human immunodeficiency virus in vitro.

### For Research Use Only

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