

# Recombinant Human RNAS2 Protein

Catalog Number:PDMH100001



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

## Description

<b>Synonyms</b>	Non-secretory ribonuclease;EDN;RNS2
<b>Species</b>	Human
<b>Expression Host</b>	HEK293 Cells
<b>Sequence</b>	Met 1-Ile161
<b>Accession</b>	P10153
<b>Calculated Molecular Weight</b>	18.3 kDa
<b>Observed molecular weight</b>	35.1 kDa
<b>Tag</b>	C-His

## Properties

<b>Purity</b>	> 85 % as determined by reducing SDS-PAGE.
<b>Endotoxin</b>	Please contact us for more information.
<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 sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization. Please refer to the specific buffer information in the printed manual.
<b>Reconstitution</b>	Please refer to the printed manual for detailed information.

## 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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