

# Recombinant Human IL9 Protein

Catalog Number:PDMH100029



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

## Description

<b>Synonyms</b>	Interleukin-9;IL-9;Cytokine P40;T-cell growth factor P40
<b>Species</b>	Human
<b>Expression Host</b>	HEK293 Cells
<b>Sequence</b>	Met1-Ile144
<b>Accession</b>	P15248
<b>Calculated Molecular Weight</b>	16 kDa
<b>Observed molecular weight</b>	30-36
<b>Tag</b>	C-HIS

## Properties

<b>Purity</b>	> 95 % as determined by reducing SDS-PAGE.
<b>Endotoxin</b>	< 1.0 EU per µg 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 sterile PBS, pH 7.4., 5% trehalose, 5% mannitol, 0.01% tween-80. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
<b>Reconstitution</b>	Please refer to the specific buffer information in the print Please refer to the printed manual for detailed information.

## Background

Supports IL-2 independent and IL-4 independent growth of helper T-cells.

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