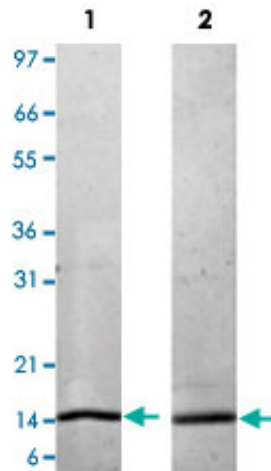


# Recombinant Human IL9 Protein, Tag free

## Product Information

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<b>Cat</b>	IMP-8466
<b>Official Symbol</b>	IL9
<b>Product Overview</b>	Human IL9 (P15248) recombinant protein expressed in <i>E. coli</i> .
<b>Description</b>	<p>The protein encoded by this gene is a cytokine that acts as a regulator of a variety of hematopoietic cells. This cytokine stimulates cell proliferation and prevents apoptosis. It functions through the interleukin 9 receptor (IL9R), which activates different signal transducer and activator (STAT) proteins and thus connects this cytokine to various biological processes. The gene encoding this cytokine has been identified as a candidate gene for asthma. Genetic studies on a mouse model of asthma demonstrated that this cytokine is a determining factor in the pathogenesis of bronchial hyperresponsiveness.</p>
<b>Expression System</b>	<i>E. coli</i>
<b>Species</b>	Human
<b>Tag</b>	Tag free
<b>Form</b>	Lyophilized from 10 mM Na <sub>2</sub> PO <sub>4</sub> , pH 7.5
<b>Molecular Mass</b>	14 kDa
<b>AA Sequence</b>	<p>MQGCPTLAGILDINFLINKMQEDPASKCHCSANVTSCCLCLGIPSDNCTRPC FSERLSQMTNTTMQTRYPLIFSRVKKSVEVLKNNKCPYFSCEQPCNQTTA GNALTFLKSLLEIFQKEKMRGMRGKI</p>
<b>Endotoxin</b>	< 0.1 EU/μg
<b>Applications</b>	Functional Study; SDS-PAGE
<b>Storage</b>	Store at -20 centigrade on dry atmosphere. After reconstitution with sterilized water, store at -20 centigrade or lower. Aliquot to avoid repeated freezing and thawing.
<b>SDS-PAGE</b>	



**1  $\mu$ g/lane in 4-20% Tris-Glycine gel Stained with Coomassie Blue Lane 1: non-reducing conditions Lane 2: reducing conditions**