

Active Recombinant Rat IL25 Protein

Cat. No. IL25-5209R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Rat IL25 recombinant protein expressed in Escherichia coli.
Species	Rat
Source	E.coli
Description	The protein encoded by this gene is a cytokine that shares the sequence similarity with IL17. This cytokine can induce NF-kappaB activation, and stimulate the production of IL8. Both this cytokine and IL17B are ligands for the cytokine receptor IL17BR. Studies of the similar gene in mice suggested that this cytokine may be a proinflammatory cytokine favoring Th2-type immune response. Two alternatively spliced transcript variants of this gene encoding distinct isoforms have been reported. [provided by RefSeq]
Form	Lyophilized
Bio-activity	The activity is determined by the dose-dependent induction of human IL-8 production from human PBMCs. The expected ED50 for this effect is 25-37.5 ng/mL.
Molecular Mass	35.5 kDa
AA Sequence	MCSHLPRCCPSKQQEFPEEWLKWNPAPVSPPEPLRHTHHPESCRASKDGPLNSRA ISPWSYELDRDLNRVPQDLYHARCLCPHCVSLQTGSHMDPMGNSVPLYHNQTVFY RRPCHGEQGAHGRYCLERRLYRVSLACVCVRPRMMA

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Endotoxin	< 0.1 EU/μg
Applications	Functional Study SDS-PAGE
Storage	Store at -20 centigrade on dry atmosphere. After reconstitution with sterilized 20 mM HCl, store at -20 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	No additive

GENE INFORMATION

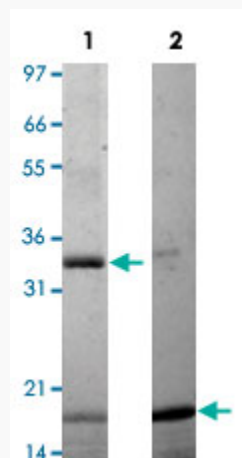
Gene Name	IL25 interleukin 25 [Rattus norvegicus]
Official Symbol	IL25
Synonyms	IL25; interleukin 25; interleukin-25; RGD1561632;
Gene ID	501996
mRNA Refseq	NM_001192007
Protein Refseq	NP_001178936

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**Quality Control
Testing**



1 µg/lane in 4-20% Tris-Glycine gel stained with Coomassie Blue

Lane 1: non-reducing conditions

Lane 2: reducing conditions

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