



Recombinant Rat IL-9

20150227BB



FOR RESEARCH ONLY! NOT FOR HUMAN USE!

Cat.-no.:	R20-055
Size:	10 µg
Lot. No.:	According to product label

Sequence

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MQRCSWSGI QHTSYLIENL KDPSSKSC SANVTSCLCL  
PIPSDDCTP CFQEGMSQVT NATQQSKFSP FFRVKRIVE  
TLKSNKCQFF SCEKPCNQTT AGNTVSFLKS LLKTFQKTEV QVQRSRA
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Database References

Protein RefSeq:	NP_001099217
Uniprot ID:	D4A819
mRNA RefSeq:	NM_001105747

Scientific Background

Gene-ID (NCBI):	116558
Synonyms:	il19

IL-9 is an immunoregulatory cytokine produced by IL-2 activated Th2 lymphocytes. IL-9 enhances the proliferation of T lymphocytes, mast cells, erthroid precursor cells and megakaryoblastic leukemia cell lines. Over-expression of IL-9 has been implicated in the pathogenesis of anaplastic lymphoma and Hodgkin's disease. Recombinant rat IL-9 is a 14.3 kDa protein of 127 amino acid residues including 10 cysteine residues which are fully conserved between the human murine proteins.

Product Specifications

Expressed in	E. coli
Purity	> 98% by SDS-PAGE & HPLC analyses
Endotoxin level	< 0.1 ng /µg of protein (<1EU/µg).
Formulation	lyophilized
Length (aa):	127
MW:	14.3 kDa

Biological Activity: Testing in progress.



AVOID REPEATED FREEZE AND THAW CYCLES!