

Recombinant Human IL15

Catalog No: #GP10513



Package Size: #GP10513-1 100ug

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Description

Product Name	Recombinant Human IL15
Brief Description	Recombinant Protein
Immunogen Description	Full length fusion protein
Target Name	interleukin 15
Other Names	IL-15
Accession No.	Swissprot:P40933Gene Accession:BC018149
Uniprot	P40933
GeneID	3600;
Storage	-20~-80°C, pH 7.6 PBS

Background

The protein encoded by this gene is a cytokine that regulates T and natural killer cell activation and proliferation. This cytokine and interleukine 2 share many biological activities. They are found to bind common hematopoietin receptor subunits, and may compete for the same receptor, and thus negatively regulate each other's activity. The number of CD8+ memory cells is shown to be controlled by a balance between this cytokine and IL2. This cytokine induces the activation of JAK kinases, as well as the phosphorylation and activation of transcription activators STAT3, STAT5, and STAT6. Studies of the mouse counterpart suggested that this cytokine may increase the expression of apoptosis inhibitor BCL2L1/BCL-x(L), possibly through the transcription activation activity of STAT6, and thus prevent apoptosis. Alternatively spliced transcript variants of this gene have been reported.

References

Note: For in vitro research use only, not for diagnostic or therapeutic use. This product is not a medical device.

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