

Recombinant Human Interleukin-9/IL-9/Cytokine P40 Protein(C-6His)

Cat.NO.: TP05954

3th Edition

Synonyms:Interleukin-9; IL-9; Cytokine P40; T-Cell Growth Factor P40; IL9

Description:Interleukin-9 (IL-9) is a secreted protein that belongs to the IL-7/IL-9 family. IL-9 supports IL-2 independent and IL-4 independent growth of helper T-cells. IL-9 stimulates cell proliferation and prevents apoptosis. It functions through the IL-9 receptor (IL-9R), which activates different signal transducer and activator (STAT) proteins and thus connects this cytokine to various biological processes. IL-9 has been identified as a candidate gene for asthma. IL-9 is a determining factor in the pathogenesis of bronchial hyperresponsiveness.

Form:PBS

Molecular Weight:15.2 kDa

Sequences:Glu19-Ile144

Purity:> 95% by HPLC

Concentration:

Endotoxin Level:<1.0 EU per 1 ug of protein (determined by LAL method)

Storage:Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.