

Recombinant Human IL7 / interleukin 7 Protein

Cat.NO.: TP06220

3th Edition

Synonyms:IL-7;Interleukin-7

Description:IL7, also known as interleukin 7, is a hematopoietic growth factor which belongs to the IL-7/IL-9 family. It is secreted by stromal cells in the bone marrow and thymus. IL7 stimulates the proliferation of lymphoid progenitors. It is important for proliferation during certain stages of B-cell maturation. IL7 and the hepatocyte growth factor (HGF) form a heterodimer that functions as a pre-pro-B cell growth-stimulating factor. It is found to be a cofactor for V(D)J rearrangement of the T cell receptor beta (TCR β) during early T cell development. IL7 can be produced locally by intestinal epithelial and epithelial goblet cells, and may serve as a regulatory factor for intestinal mucosal lymphocytes. Immune Checkpoint Immunotherapy Cancer Immunotherapy Targeted Therapy

Form:PBS

Molecular Weight:17.5 kDa

Sequences:Asp26-His177

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.