

Product datasheet for TP723243

IL7 (NM_000880) Human Recombinant Protein

Product data:

Product Type: Recombinant Proteins

Description: Purified recombinant protein of Human interleukin 7 (IL7), transcript variant 1.

Species: Human

Expression Host: E. coli

Expression cDNA Clone or AA Sequence: MDCDIEGKDGKQYESVLMVSIDQLLDSMKEIGSNCLNNEFNFFKRHICDANKEGMFLFRAARKLRQFLKMNSTGDFDLHLLKV

Tag: Tag Free

Predicted MW: 17.4 kDa

Concentration: Resuspend the protein in the desired concentration in proper buffer

Purity: >95% as determined by SDS-PAGE and Coomassie blue staining

Buffer: Lyophilized from a 0.2 µM filtered solution of 20mM phosphate buffer, 100mM NaCl, pH 7.2

Bioactivity: ED50 was determined by the dose-dependent stimulation of the proliferation of murine 2E8 cells is less than or

Endotoxin: Endotoxin level is <0.1 ng/µg of protein (<1EU/µg).

RefSeq: [NP_000871](#)

Locus ID: 3574

RefSeq Size: 2089

Cytogenetics: 8q21.13

RefSeq ORF: 531

Synonyms: IL-7

Summary: The protein encoded by this gene is a cytokine important for B and T cell development. This cytokine and the he stimulating factor. This cytokine is found to be a cofactor for V(D)J rearrangement of the T cell receptor beta (TCF epithelial and epithelial goblet cells, and may serve as a regulatory factor for intestinal mucosal lymphocytes. Kn survival. Alternative splicing results in multiple transcript variants encoding distinct isoforms. Additional splice va [provided by RefSeq, Dec 2010]



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Protein Druggable Genome, Secreted Protein

Families:

Protein Cytokine-cytokine receptor interaction, Hematopoietic cell lineage, Jak-STAT signaling pathway

Pathways:

Product images:

