



Recombinant Human IL7 Protein

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Creative BioMart is a professional protein product provider with more than 5,000 recombinant protein products in stock. Our proteins have high purity and bioactivity.

Human Interleukin 7 (IL-7) is a potent lymphoid cell growth factor stimulating the proliferation of lymphoid progenitors.

Cat No.:	IL7-507H	Product Name:	Recombinant Human IL7, His tagged
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Product Type:	Recombinant Protein	Source:	HEK293
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Formulation: Liquid in sterile PBS, pH7.4

AA sequence: Asp26-His177 (P13232) with a 6xHis tag at the C-terminal.
 DCDIEGKDGKQYESVLMVSIQQLLDMSMKEIGSNCLNNEFNFFKRHICDANKEGMF
 LFRAARKLRQFLKMNSTGDFDLHLLKVSEGTILLNCTGQVKGRKPAALGEAQ
 PTKSLEENKSLKEQKKLNDLCFLKRLLQEIKTCWNKILMGTKEHHHHHHH

Molecule Weight: The protein has a calculated MW of 18.2kDa. Approximately 19-30kDa band shown on SDS-PAGE under reducing conditions.

Bioactivity: Measured in a cell proliferation assay using PHA-activated human peripheral blood lymphocytes (PBL). The ED50 for this effect is 142.2 pg/mL.

Endotoxin: < 1.0 EU per µg of the protein as determined by the LAL assay

Purity: >90% as determined by SDS-PAGE

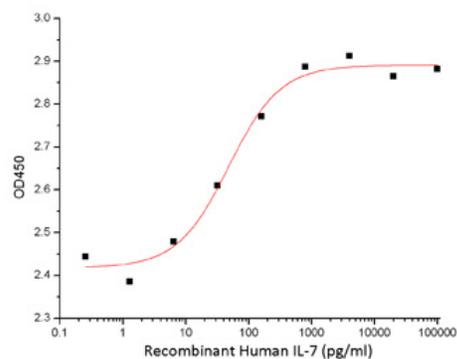
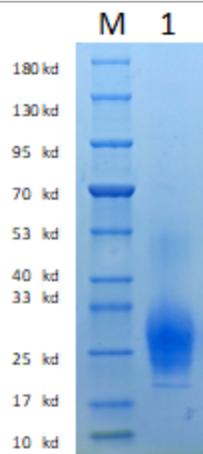
Concentration: 0.3 mg/ml. Centrifuge the vial at 4°C before opening to recover the entire contents.

Storage: Store under sterile conditions at -20 °C to -80 °C. Recommend to aliquot the protein for optimal storage. Avoid repeated freeze-thaw cycles.

SDS-PAGE:

12% SDS-PAGE analysis profile (CBB stained)

Bioactivity:



For more protein product information or custom protein expression services, please feel free to contact us.

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