

Recombinant Human IL-7 Protein

EXREprotein™

Catalog Number: EXRP020

For Research Use Only. Not Intended for Diagnostic or Therapeutic Use.

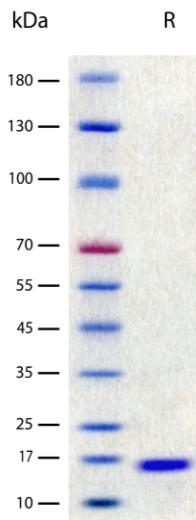
Product Details

Biological Activity	Determined by a cell proliferation assay using 2E8 mouse cells. The ED ₅₀ for this effect is typically <0.75 ng/mL.
Purity	>98% by SDS-PAGE and quantitative densitometry by Coomassie® Blue staining
Endotoxin	<0.05 EU per 1 µg of the protein as determined by the LAL method
Source	Expressed in <i>E. coli</i>
Accession Number	P13232.1
Sequence	Asp26-His177, with an N-terminal Met MDCDIEGKDG KQYESVLMVS IDQLLDSMKE IGSNCLNNEF NFFKRHCDA NKEGMFLFRA ARKLRQFLKM NSTGDFDLHL LKVSEGTTIL LNCTGQVKGR KPAALGEAQP TKSLEENKSL KEQKKLNDLC FLKRLLEQIK TCWNKILMG T KEH
Molecular Weight	17.5 kDa (monomer, predicted)
Formulation	Lyophilized from sterile PBS with Trehalose, pH 7.4

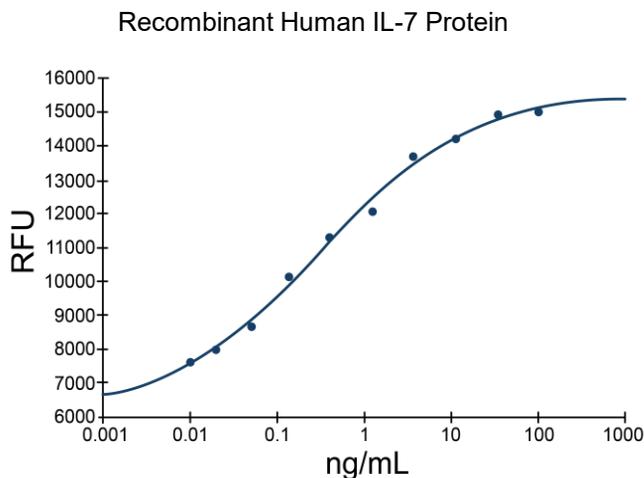
Storage and Preparation

Shipping	Shipped at ambient temperature.
Stability and Storage	<ul style="list-style-type: none">12 months from date of receipt at -20°C to -70°C, lyophilized powder.3 months at -20°C to -70°C under sterile conditions after reconstitution. Avoid repeated freeze-thaw cycles.
Reconstitution	Reconstitute at 100 µg/mL in sterile PBS. If desired, 5% Trehalose or 0.1% BSA may be added.

Data Images



Recombinant Human IL-7 (2 µg/lane) on SDS-PAGE under reducing (R) conditions. The gel was stained using Coomassie® Blue showing a single band at ~17 kDa and purity greater than 98%.



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