

Recombinant Human IL-6 Protein (HEK293)

Catalog Number: EXRP077



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

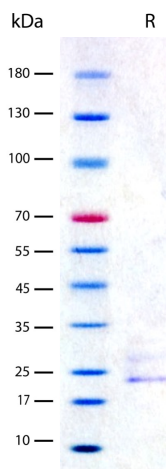
Product Details

Biological Activity	Determined by a cell proliferation assay using DS-1 mouse lymphoblast cells. The ED ₅₀ for this effect is typically 10-100 µg/mL.
Purity	>97% 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 HEK293 cell line.
Accession Number	P05231
Sequence	Val30-Met212 VPPGEDSKDV AAPHRQPLTS SERIDKQIRY ILDGISALRK ETCNKSNMCE SSKEALAENN LNLPKMAEKD GCFQSGFNEE TCLVKIITGL LEFEVYLEYL QNRFESSEEQ ARAVQMSTKV LIQFLQKKAK NLDAITTPDP TTNASLLTKL QAQNQWLQDM TTHLILRSFK EFLQSSLRAL RQM
Molecular Weight	20.8 kDa (predicted), 20-23 kDa (glycosylated, observed on SDS-PAGE gel stained with Coomassie® Blue)
Formulation	Lyophilized from sterile PBS with Trehalose, pH7.4

Storage and Preparation

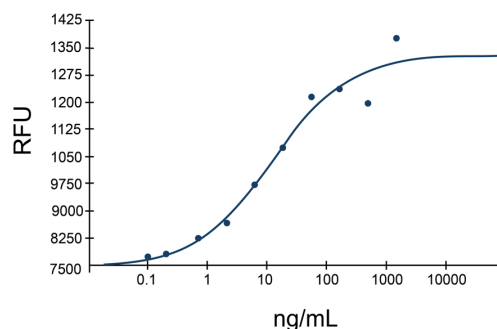
Shipping	Shipped at ambient temperature.
Stability and Storage	<ul style="list-style-type: none">12 months from date of receipt at -20°C to -70°C, lyophilized powder.3 months at -20°C to -70°C under sterile conditions after reconstitution. Avoid repeated freeze-thaw cycles.
Reconstitution	Reconstitute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

Data Images



SDS-PAGE Data, Recombinant Human IL-6 HEK293 (2 µg/lane) on SDS-PAGE under reducing (R) conditions. The gel was stained using Coomassie® Blue, showing a single band at 20-23 kDa and purity greater than 97%.

Recombinant Human IL-6 HEK293



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