

# Recombinant Human IL-6 Protein (HEK293)

Catalog Number: EXRP077

**EXREprotein™**

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

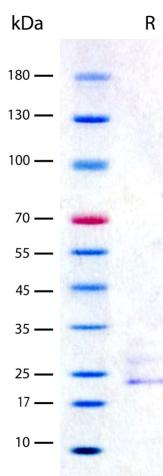
## Product Details

Biological Activity	Determined by a cell proliferation assay using DS-1 mouse lymphoblast cells. The ED <sub>50</sub> for this effect is typically 10-100 pg/mL.
Purity	>97% by SDS-PAGE and quantitative densitometry by Coomassie® Blue staining
Endotoxin	<0.05 EU per 1 ug 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 ETCNKS NMCE SSKEAL AENN LNLPKMAEKD GCFQSGFNEE TCLVKIITGL LEFEVY LEYL QNRFES SEEQ ARAVQM STKV 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

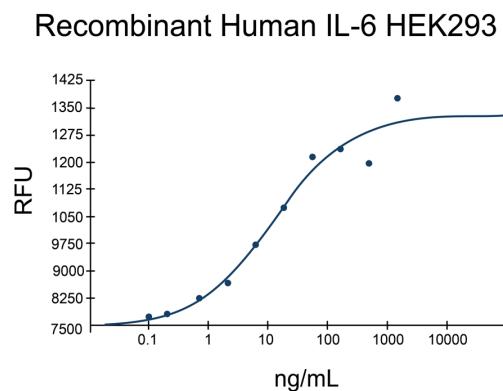
## Storage and Preparation

Shipping	Shipped at ambient temperature.
Stability and Storage	<ul style="list-style-type: none"><li>12 months from date of receipt at -20°C to -70°C, lyophilized powder.</li><li>3 months at -20°C to -70°C under sterile conditions after reconstitution.</li></ul> <b>Avoid repeated freeze-thaw cycles.</b>
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%.



Determined by a cell proliferation assay using DS-1 mouse lymphoblast cells. The ED<sub>50</sub> for this effect is typically 10-100 pg/mL.