

Human Interleukin 6 (IL-6) | SKU: RDRCP03

Datasheet:

Product name:	Recombinant Human Interleukin 6 (IL-6) Interleukin-6 (30-212 aa, N-terminal His-T7 tag) Human Protein
Description:	Recombinant human IL-6 protein fused to His-T7 tag at N-terminus (30-212 aa, His-tag), was expressed in <i>E. coli</i> and purified by using conventional chromatography techniques
Synonyms:	BSF2, HGF, HSF, IL-6, interferon, beta 2
UniProt ID:	P05231.1
Species Expression host Tag:	Human <i>E. coli</i> His-T7 tag
Expression cDNA Clone or AA Sequence:	MGSSHHHHHSSGLVPRGSHMASMTGGQQMGR MVPPGEDSKDVAAPHRQPLTSSERIDKQIRYILDGISALRKETCNKSNMCESSKEALAENNLNLP KMAEKDGCFCQSGFNEETCLVKIITGLLEFEVYLEYLQNRFSSEEQARAVQMSTKVLQFLQKKA KNLDAITTPDPTTNASLLTKLQAQNQWLQDMTTHILRSFKEFLQSSLRALRQM
Predicted MW:	~24.3 kDa
Product format:	Lyophilized from filtered (0.2 µm) buffer solution
Purity:	≥ 95% by SDS-PAGE
Endotoxin Level:	≤ 1EU/µg as determined by limulus Amebocyte Lysate (LAL) assay
Biological Activity:	Measured in a cell proliferation assay using RPMI 8226 cells. The Ed50 for this effect is <2ng/mL corresponding to an activity of >2x10 ⁶ IU/mg
Storage temperature:	Store lyophilized at -20°C for up to 1 year
Stability:	Reconstituted product is stable for 2 weeks at 2-8°C or as aliquots with a carrier protein at -20°C for longer. Avoid multiple freeze-thaw.

Product details:

R*NR**

*R-Reduced
**NR-Non Reduced

IL-6	
Batch no.	DIL6P01/24
Concentration	10 µg
Manufacturing	August 2024