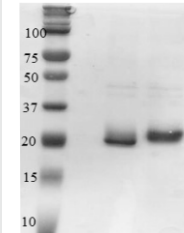


Recombinant Human Interleukin 6 (IL-6) | SKU: RDRCP03

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 E. coli 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:	MGSSHHHHHHSSGLVPRGSHMASMTGGQQMGRMVPPGEDSKDVAAPHRQPLTSS ERIDKQIRYILDGISALRKETCNKSNMCESSKEALAENNLNLPKMAEKDGCFCQSGFNEET CLVKIITGLLEFEVYLEYLQNRFESSEEQARAVMSTKVLIQFLQKKAKNLDAITTPDPTTNA SLTLKLAQNQWLQDMTTHLILRSFKEFLQSSLRALRQM			
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 <2 ng/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
			Quantity	10 µg
			Manufacturing	August 2024