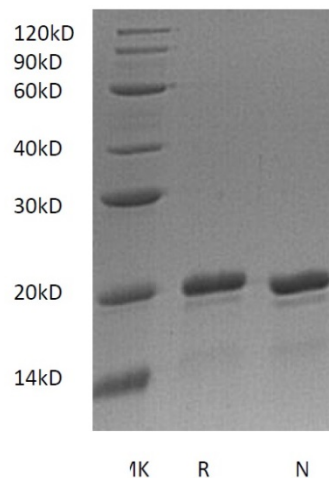


PRODUCT SPECIFICATIONS

Name	Recombinant IL-6, 50 µg
Description	Recombinant human interleukin-6 antigen is produced by E.coli expression system and the target gene encoding Pro29-Met212 is expressed. Predicted molecular weight: 21 kDa.
Amino acid sequence	PVPPGEDSKDVAAPHRQPLTSSERIDKQIRYILDGIALRKETCNKSNMCESSKEALAENNLNLP KMAEKDGCFSQSGFNEETCLVKIITGLLEFEVYLEYLQNRFSSEEQARAVQMSTKVLIQFLQKKA KNLDAITTPDPTTNASLLTKLQAQNWQLQDMTTHLILRSFKEFLQSSLRALRQM
Production host	<i>E.coli</i>
Product code	710015
Product formulation	Lyophilized
Product buffer	20 mM Hac-NaAc, pH 5.0, 150 mM NaCl
Reconstitution	Reconstitute lyophilized protein with 100 µl of deionized water
Storage at	-20 °C
Analyte description	IL-6 is an interleukin that acts as both a pro-inflammatory and anti-inflammatory cytokine. It is secreted by T cells and macrophages to stimulate immune response to trauma, especially burns or other tissue damage leading to inflammation. IL-6 is relevant to many disease processes such as diabetes, atherosclerosis, depression, Alzheimer's Disease, systemic lupus erythematosus, cancer, and rheumatoid arthritis. There is an interest in developing anti-IL-6 agents as therapy against many of these diseases. The first such is tocilizumab which has been approved for rheumatoid arthritis.
Product concentration	0.5 mg/ml when reconstituted with 100 µl of deionized water
Purity	SDS-PAGE > 90 %



N: Non-reducing
R: Reducing
MK: Protein Molecular Weight Marker

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