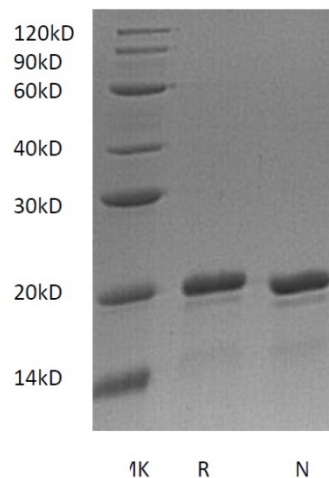


PRODUCT SPECIFICATIONS

Name	Recombinant IL-6, 500 µg
Description	Recombinant human interleukin-6 antigen is produced by <i>E.coli</i> expression system and the target gene encoding Pro29-Met212 is expressed. Predicted molecular weight: 21 kDa.
Amino acid sequence	PVPPGEDSKDVAAPHRQPLTSSERIDKQIRYILDGIALRKETCNKSNMCESSKEALAENNLNLP KMAEKDGCFOQSGFNEETCLVKIITGLLEFEVYLEYLQNRFSSEEQARAVQMSTKVLIQFLQKKA KNLDAITTPDPTTNASLLTKLQAQNWQLQDMTTHLILRSFKEFLQSSLRALRQM
Production host	<i>Escherichia coli</i> (<i>E. coli</i>)
Product code	710039
Product formulation	Lyophilized
Product buffer	20 mM HAc-NaAc, pH 5.0, 150 mM NaCl
Reconstitution	Reconstitute lyophilized protein with 1000 µl of deionized water
Shelf life and storage	-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 1000 µl of deionized water
Purity	SDS-PAGE > 90 %



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

Legal disclaimer

Medix Biochemica products meet their specifications if transported, stored and used according to the instructions. MedixMAB is a registered trademark of Medix Biochemica and may not be used or reproduced without Medix Biochemica's written permission.

Oy Medix Biochemica Ab

Headquarters and manufacturing
Klovinpellontie 3
FI-02180 Espoo, Finland

medix@medixbiochemica.com
www.medixbiochemica.com
VAT reg. no. FI4631532