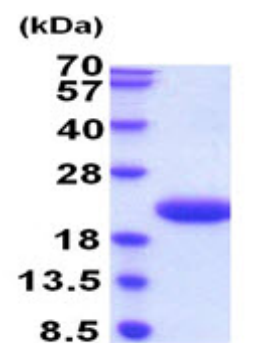


AR52011PU-N**Human Interleukin-6 / IL6 (30-212) - Purified**

Alternate names:	B-cell stimulatory factor 2, BSF-2, CDF, CTL differentiation factor, Hybridoma growth factor, IFNB2, IL-6, Interferon beta-2
Quantity:	20 µg
Concentration:	0.5 mg/ml (determined by bca)
Background:	IL6, also known as interleukin 6. It is a cytokine with a wide variety of biological functions. It is a potent inducer of the acute phase response. This protein plays an essential role in the differentiation of B-cells into Ig-secreting cells. Involved in lymphocyte and monocyte differentiation. It induces myeloma and plasmacytoma growth and induces nerve cells differentiation. Recombinant human IL6 protein was expressed in E.coli and purified by using conventional chromatography techniques.
Uniprot ID:	P05231
NCBI:	NP_000591
GeneID:	3569
Species:	Human
Source:	E. coli
Format:	State: Liquid purified protein Purity: >95% by SDS – PAGE Buffer System: Phosphate buffered saline (pH 7.4). Endotoxin Level: < 1.0 EU per 1 microgram of protein (determined by LAL method)
Description:	AA Sequence: MVPPGEDSKD VAAPHRQPLT SSERIDKQIR YILDGISALR KETCNKSNMC ESSKEALAEN NLNLPKMAEK DGCQSGFNE ETCLVKIITG LLEFEVYLEY LQNRFSSEE QARAVQMSTK VLIQFLQKKA KNLDAITTPD PTTNASLLTK LQAQNQWLQD MTTHLILRSF KEFLQSSLRA LRQM Specific Activity: Measured in a cell proliferation assay using TF-1 human erythroleukemic cell. The ED50 for this effects 0.2 - 0.8 ng/ml. Molecular weight: 20.9 kDa (184aa)
Storage:	Store undiluted at 2-8°C for one week or (in aliquots) at -20°C to -80°C for longer. Avoid repeated freezing and thawing. Shelf life: one year from despatch.
General Readings:	May L T., et al. (1991) Cytokine 3(3):204-211.

Pictures:



15% SDS-PAGE (3ug)