

Recombinant IL-6 Protein

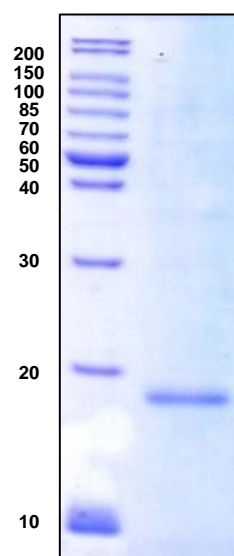
Background

Interleukin-6, originally identified as B-cell differentiation factor, is a multi-functional cytokine expressed by various cells having role in regulation of immune response, haematopoiesis, acute phase response and inflammation. IL-6 exerts its biological effect via IL-6 receptor and gp130. It binds with both membranous as well as soluble forms of IL-6 receptor to exhibit pleiotropic actions. Increased levels of this cytokine are associated with several inflammatory diseases such as Rheumatoid Arthritis. Interleukin-6 has been shown to inhibit the growth of early stage and to promote the proliferation of advanced stage melanoma cells in vitro.

Product Details

Full Product Name	Interleukin 6
Product Code	#RIL001
Molecular weight	17Kda
Research use only	For Research Use Only. Not for use in diagnostic procedures.
Sequence	FFYHMASGRQPLTSSERIDKQIRYILDGISALRKETCNKSNMCESSKEALAENNLNLPKMAEKDG CFQSGFNEETCLVKIITGLLEFEVYLEYLQNRFSSEEQARAVQMSTKVLIQFLQKKAKNLDAITTP DPTTNASLLTKLQAQNQWLQDMTTHLILRSFKEFLQSSLRALRQMLEFFI
Host	E.coli
Purity/ Purification	Greater than 98% purified by Ni NTA and determined by SDS-PAGE.
Form	Lyophilized powder. Dilute to 1 mg/mL in PBS
Purification Tag	C- terminus 6 X His tag
Applications	Drug discovery, research, cell proliferation assays
Preparation and Storage	Store at -20 degree C, for extended storage
ISO Certification	Manufactured in an ISO 9001:20015 Certified Laboratory.

SDS-PAGE IMAGE



SDS-PAGE gel showing a single IL6 Protein band at 17 kDa after purification

Specificity



Functionality

Application	Notes
ELISA	Recommended titer- 1:5000
IHC	Recommended conc. 100 ng/mL

Ordering Information:
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