



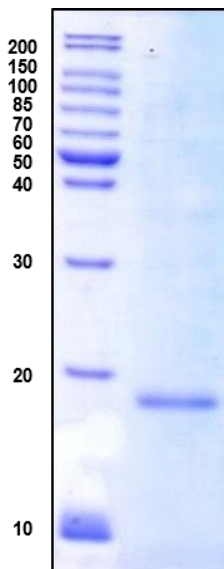
Recombinant Human IL-6 Protein

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

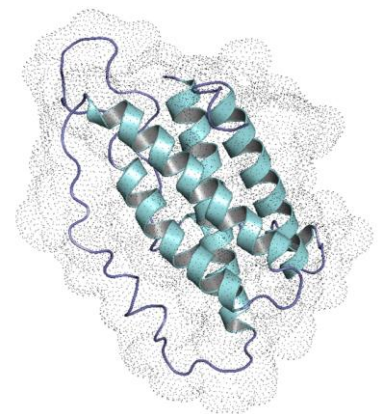
Catalog no.	RIL001
Molecular weight	17kDa
Amino acid sequence	FFYHMASGRQPLTSSERIDKQIRYILDGIALRKETCNKSNMCESSKEALAENNLNLPKMAEKDGCFCQSGFNE ETCLVKIITGLLEFEVYLEYLNRFESSEEQARAVQMSTKVLILQFLQKKAKNLDAITTPDPTTNASLLTKLQAQN QWLQDMTTHLILRSFKEFLQSSLRALRQMLEFFI
Host	E.coli
Formulation	Tris + 7% Glycerol
Conjugate/ Tag	C- terminus 6 X His tag
Purity	> 98% Purity, purified by Ni NTA and determined by SDS-PAGE
Form	Liquid/ Lyophilized
Applications	Drug discovery, research, cell proliferation assays
Storage	Store at -20°C and avoid freeze thaw. Stable for 12 months from the date of receipt if kept at recommended temperature
Suggested working dilution	The optimal concentration should be determined for each specific application.
Research use	For Research Use Only. Not for use in diagnostic procedures.

SDS PAGE Gel image of IL-6 protein



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

Protein Crystal Image



Protein Crystal Image

Homo sapiens Interleukin 6