

Catalog Number: 230-00229

Recombinant Human Interleukin-18 (IL-18)**Source**

Species	Human
Accession Number	Q14116
Gene Symbol	IL18
Expressed Region	Tyr37-Asp193
Synonyms	Interleukin 18 (interferon-gamma-inducing factor), IL-18.

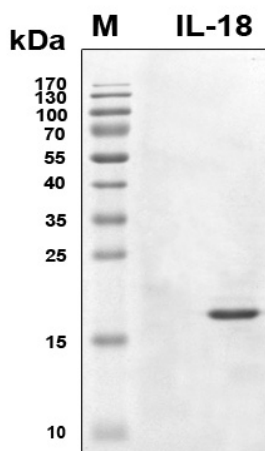
Preparation

Expression System	Escherichia coli (E.coli)
Tag	N-terminal histidine tag
Purification	His-tag affinity purification by immobilized metal ion affinity chromatography (IMAC)
Purity	> 95%
Purity Determined By	SDS-PAGE under reducing conditions and visualized by Coomassie blue staining
Molecular Weight	18

Protein Specifications

Format	Lyophilized powder
Formulation	Lyophilized from a 0.2 um filtered solution in PBS (pH 7.4)
Concentration	Determined by Bradford protein assay
Recommended Applications	ELISA, Western blotting, Dot Blotting, Immunogen, Protein Array
Reconstitution	Briefly spin the vial and bring the contents to the bottom prior to opening. It is recommended to reconstitute at 0.1-1 mg/mL with sterile deionized water.

SDS-PAGE Image



Shipping

Ice packs

Storage/Stability

Upon arrival, the lyophilized protein may be stored for 2 weeks at 4°C. For long term storage, it is recommended to store desiccated below -20 °C in a manual defrost freezer. Following reconstitution, the protein may be stored for 2 weeks under sterile conditions at -20 °C. For long term storage, it is recommended to make appropriate aliquots and store at -80 °C. Avoid repeated freeze-thaw cycles.

This product is furnished for LABORATORY RESEARCH USE ONLY.

Not for diagnostic or therapeutic use.