

Recombinant *Sus scrofa* (pig) IL-1ra**Source**

Species	Sus scrofa (pig)
Accession Number	Q29056
Gene Symbol	IL1RN
Expressed Region	His22-Gln177
Synonyms	Interleukin-1 receptor antagonist protein, Interleukin 1 Receptor Antagonist, IL1 Inhibitor, ICIL-1RA, IL-1RN, IL-1ra, IL1RA, IL1F3, IRAP, Intracellular Interleukin-1 Receptor Antagonist (IcIL-1ra), Intracellular Interleukin-1 Receptor Antagonist, Intracellular IL-1 Receptor Antagonist Type II, Type II Interleukin-1 Receptor Antagonist, Anakinra, IL-1ra3, MVCD4, DIRA.

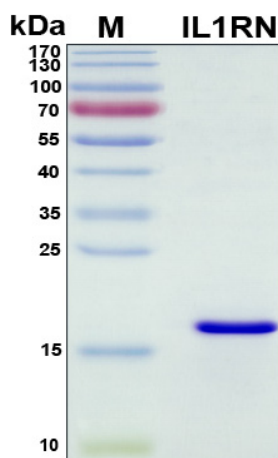
Preparation

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	17

Protein Specifications

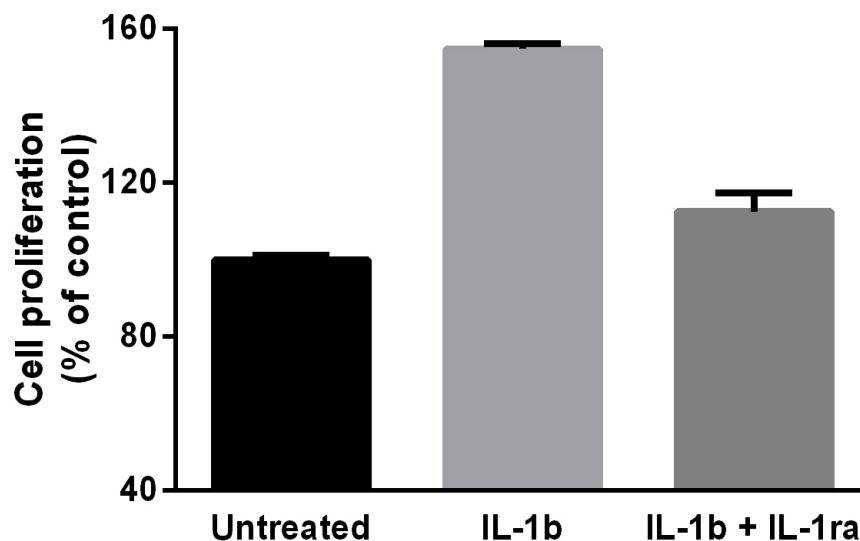
Format	Liquid
Formulation	Supplied as a 0.2 um filtered solution in PBS (pH 7.4)
Concentration	Lot specific (see the label on the vial), determined by Bradford protein assay.

SDS-PAGE Image



Activity

Measured in a cell proliferation assay using TF-1 human erythroleukemic cells. Recombinant pig IL-1ra, as a receptor antagonist of IL-1, can inhibit the biological activity of IL-1b.



Shipping

Ice packs

Storage/Stability

Upon arrival, the protein may be stored for 2 weeks at 4 °C. For long term storage, it is recommended to store at -20 °C or -80 °C in appropriate aliquots. Avoid repeated freeze-thaw cycles.

This product is furnished for LABORATORY RESEARCH USE ONLY.

Not for diagnostic or therapeutic use.