Recombinant Human Interleukin 4 Receptor

Human, Recombinant (IL4R)
Expressed in NSO
Cat. No. IL4R-1645H
Lot. No. (See product label)

PRODUCT INFORMATION

**Description:** Human IL-4 exerts its biological effects via signaling through its receptor system, IL-4R. There are two types of the IL-4 receptor complexes, the type I receptor consisting of the IL-4R alpha and the common gamma chain, yc and the type II receptor consisting of IL-4R alpha and the IL-13R alpha. The IL-4R alpha chain contains an extracellular domain of 207 amino acids, a transmembrane domain of 24 amino acids, and an intracellular domain of 569 amino acids.

**Source:** NSO Cells.

**State Of Matter:** Lyophilized.

**Purity:** >95% by SDS Page and analyzed by silver stain.

**Endotoxin:** <0.1 ng per 1 µg as determined by the LAL method.

**Molecular Weight:** The predicted molecular weight of Recombinant Human IL-4 R is Mr 50.5 kDa. However, the actual molecular weight as observed by migration on SDS Page is Mr 75-85 kDa.

**Storage And Stability:** This lyophilized protein is stable for six to twelve months when stored desiccated at -20°C to -70°C. After aseptic reconstitution, this protein may be stored at 2°C to 8°C for one month or at -20°C to -70°C in a manual defrost freezer. Avoid Repeated Freeze Thaw Cycles.

REFERENCES


FOR RESEARCH USE ONLY