

## HUMAN IL1R3 PROTEIN, HFC TAG

**Cat.#:** 11657

**Product Name:** Human IL1R3 Protein

**Size:** 10 µg, 50 µg and 100 µg

**Synonyms:** C3orf13;L-1RACp;LIR3

**Target:** IL1R3

**UNIPROT ID:** Q9NPH3

**Description:** Recombinant human IL1R3 protein with C-terminal human Fc tag

**Background:** This gene encodes a component of the interleukin 1 receptor complex, which initiates signalling events that result in the activation of interleukin 1-responsive genes. Alternative splicing of this gene results in membrane-bound and soluble isoforms differing in their C-terminus. The ratio of soluble to membrane-bound forms increases during acute-phase induction or stress. [provided by RefSeq, Jul 2018]

**Species/Host:** HEK293

**Molecular Weight:** The protein has a predicted molecular mass of 73.7 kDa after removal of the signal peptide.

**Molecular Characterization:** IL1R3(Ser21-Thr367) hFc(Glu99-Ala330)

**Purity:** The purity of the protein is greater than 95% as determined by SDS-PAGE and Coomassie blue staining.

**Formulation & Reconstitution:** Lyophilized from nanodisc solubilization buffer (20 mM Tris-HCl, 150 mM NaCl, pH 8.0). Normally 5% – 8% trehalose is added as protectants before lyophilization.

**Storage & Shipping:** Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient temperature.