

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.