IL-1RAcP/IL-1R3/IL-1F6 (C-6His), Human, Recombinant

Cat. No. : PCK142

General Information

Synonyms	Interleukin-36 Alpha;FIL1 Epsilon;Interleukin-1 Epsilon;IL-1 Epsilon;Interleukin-1 Family Member 6;IL-1F6;IL36A;FIL1E;IL1E;IL1F6
Species	Human
Expression host	Human Cells
Sequence	Ser21-Gln356
Accession	Q9NPH3-2
Mol mass	39.75 kDa
Expiration date	12 months

Product feature

Purity	> 95% as determined by reducing SDS-PAGE.
Endotoxin (EU/μg)	< 0.1
Storage	Lyophilized protein should be stored at -5~-20°C, stable for one year after receipt. Reconstituted protein solution can be stored at 2-8°C for 2-7 days. Aliquots of reconstituted samples are stable at -5~-20°C for 3 months.
Shipping	Ice bag
Formulation	Lyophilized from a 0.2 μm filtered solution of 20 mM PB, 150 mM NaCl, pH 7.2.
Reconstitution	Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100 μg/mL. Dissolve the lyophilized protein in sterile water. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

Background

Interleukin-1 Receptor Accessory Protein (IL-1RAcP) is a member of the Interleukin-1 Receptor family. It contains three Ig-like C2-type domains in the extracellular region and a long cytoplasmic domain implicated in signal transduction. IL-1RAcP acts as a non-Ligand binding accessory component of the Receptors for IL1α, IL1βand IL33. IL-1RAcP mediates Interleukin-1-dependent activation of NF-kappa-B. It is part of the membrane-bound form of the IL-1 Receptor. IL-1 RAcP takes part in the Signaling ways by the formation of a ternary complex containing IL1R1, TOLLIP, MYD88, and IRAK1 or IRAK2. In addition, IL-1RAcP modulates the response to Interleukins by associating with soluble IL1R1 and enhancing Interleukin-binding to the decoy Receptor.

SDS-PAGE

