

Rev02  
 Update: Aug,08,2025
**DATASHEET**

# IL-1R3/IL-1 RAcP, His, Cynomolgus

Cat. No.: Z04833

## Product Introduction

<b>Species</b>	Cynomolgus
<b>Protein Construction</b>	<div style="display: flex; justify-content: space-between; align-items: center;"> <div style="background-color: #0056b3; color: white; padding: 5px; text-align: center;">             IL-1R3/IL-1 RAcP (Ser21-Cys362)              Accession # G7NYP7           </div> <div style="background-color: #76b82a; color: white; padding: 5px; text-align: center;">             His           </div> </div> <div style="display: flex; justify-content: space-between; margin-top: 5px;"> <span>N-term</span> <span>C-term</span> </div>
<b>Purity</b>	> 95% as determined by BisTris PAGE > 95% as determined by HPLC
<b>Endotoxin Level</b>	Less than 1 EU per µg by the LAL method.
<b>Biological Activity</b>	Measured by its binding ability in a functional ELISA. Immobilized IL-1R3/IL-1 RAcP, His, Cynomolgus at 0.5 µg/ml (100µl/well) on the plate can bind AntiIL1R3 Antibody, hFc Tag. Test result was comparable to standard batch.
<b>Expression System</b>	HEK293
<b>Theoretical Molecular Weight</b>	40.49 kDa
<b>Apparent Molecular Weight</b>	Due to glycosylation, the protein migrates to 55-70 kDa based on Bis-Tris PAGE result.
<b>Formulation</b>	Lyophilized from 0.22 µm filtered solution in PBS (pH 7.4).
<b>Reconstitution</b>	Centrifuge the tube before opening. Reconstituting to a concentration more than 100 µg/ml is recommended. Dissolve the lyophilized protein in distilled water.
<b>Storage &amp; Stability</b>	Upon receiving, the product remains stable up to 6 months at -20 °C or below. Upon reconstitution, the product should be stable for 3 months at -80 °C. Avoid repeated freeze-thaw cycles.

## Background

**Target Background :** IL-1 Receptor Accessory Protein (IL-1 RAcP), also known as IL-1 R3, is a ubiquitously expressed 70-90 kDa member of the Interleukin-1 receptor family of proteins. It serves as a non-ligand-binding component of the receptors for IL-1 alpha, IL-1 beta, IL-33, and IL-36. IL-1 R3 is a coreceptor for IL1RL2 in the IL-36 signaling system. IL-1 R3 is a coreceptor with IL1R1 in the IL-1 signaling system. Associates with IL1R1 bound to IL1B to form the high affinity interleukin-1 receptor complex which mediates interleukin-1-dependent activation of NF-kappa-B and other pathways.

**Synonyms :** IL1RAP; IL-1RAP; C3orf13; IL-1 R3; IL-1 RAcP

**For research use only. Not intended for human or animal clinical trials, therapeutic or diagnostic use.**

Confidential and Privileged



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