

## **Product datasheet for AR51968PU-S**

## 9620 Medical Center Drive, Ste 200 Rockville, MD 20850, US Phone: +1-888-267-4436 https://www.origene.com

OriGene Technologies, Inc.

Phone: +1-888-267-4436 https://www.origene.com techsupport@origene.com EU: info-de@origene.com CN: techsupport@origene.cn

## CD121a / IL1R1 (21-336, His-tag) Human Protein

**Product data:** 

**Product Type:** Recombinant Proteins

**Description:** CD121a / IL1R1 (21-336, His-tag) human protein, 50 μg

Species: Human
Expression Host: Insect

Expression cDNA Clone

or AA Sequence:

DKCKEREEKI ILVSSANEID VRPCPLNPNE HKGTITWYKD DSKTPVSTEQ ASRIHQHKEK LWFVPAKVED SGHYYCVVRN SSYCLRIKIS AKFVENEPNL CYNAQAIFKQ KLPVAGDGGL

VCPYMEFFKN ENNELPKLQW YKDCKPLLLD NIHFSGVKDR LIVMNVAEKH RGNYTCHASY

TYLGKQYPIT RVIEFITLEE NKPTRPVIVS PANETMEVDL GSQIQLICNV TGQLSDIAYW KWNGSVIDED DPVLGEDYYS VENPANKRRS TLITVLNISE IESRFYKHPF TCFAKNTHGI DAAYIQLIYP VTNFQKLEHH

HHHH

Tag:His-tagPredicted MW:37.4 kDaConcentration:lot specific

Purity: >95% by SDS - PAGE

**Buffer:** Presentation State: Purified

State: Liquid purified protein

Buffer System: Phosphate Buffered Saline (pH 7.4) containing 10% glycerol.

Endotoxin: < 1.0 EU per 1 microgram of protein (determined by LAL method)

**Preparation:** Liquid purified protein

Storage: Store undiluted at 2-8°C for one week or (in aliquots) at -20°C to -80°C for longer.

Avoid repeated freezing and thawing.

**Stability:** Shelf life: one year from despatch.

**RefSeq:** NP 000868

**Locus ID:** 3554

UniProt ID: P14778

Cytogenetics: 2q11.2-q12.1

Synonyms: CD121A; D2S1473; IL-1R-alpha; IL1R; IL1RA; P80





Summary: This gene encodes a cytokine receptor that belongs to the interleukin-1 receptor family. The

encoded protein is a receptor for interleukin-1 alpha, interleukin-1 beta, and interleukin-1 receptor antagonist. It is an important mediator involved in many cytokine-induced immune and inflammatory responses. This gene is located in a cluster of related cytokine receptor

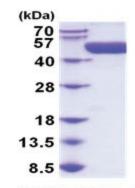
genes on chromosome 2q12. [provided by RefSeq, Dec 2013]

**Protein Families:** Druggable Genome, Transmembrane

**Protein Pathways:** Apoptosis, Cytokine-cytokine receptor interaction, Hematopoietic cell lineage, MAPK signaling

pathway

## **Product images:**



15% SDS-PAGE (3ug)