

AR51968PU-N**Human CD121a / IL1R1 (21-336, His-tag) - Purified**

Alternate names:	IL-1R-alpha, IL1R, IL1RA, IL1RT1, Interleukin-1 receptor alpha, Interleukin-1 receptor type 1, Interleukin-1 receptor type I
Quantity:	0.25 mg
Concentration:	0.25 mg/ml (determined by absorbance at 280nm)
Background:	IL1R1, also known as interleukin-1 receptor type 1, associates with the coreceptor IL1RAP to form the high affinity interleukin-1 receptor complex which mediates interleukin-1-dependent activation of NF-kappa-B, MAPK and other pathways. It is an important mediator involved in many cytokine induced immune and inflammatory responses. Recombinant human IL1R1, fused to His-tag at C-terminus, was expressed in insect cell and purified by using conventional chromatography techniques.
Uniprot ID:	P14778
NCBI:	NP_000868
GeneID:	3554
Species:	Human
Source:	Insect cells
Format:	State: Liquid purified protein Purity: >95% by SDS - PAGE Buffer System: Phosphate Buffered Saline (pH 7.4) containing 10% glycerol. Endotoxin Level: < 1.0 EU per 1 microgram of protein (determined by LAL method)
Description:	AA Sequence: DKCKEREKI ILVSSANEID VRPCPLNPNE HKGTITWYKD DSKTPVSTEQ ASRIHQHKEK LWFVPAKVED SGHYCVVRN SSYCLRIKIS AKFVENEPNL CYNAQAIFKQ KLPVAGDGGL VCPYMEFFKN ENNELPKLQW YKDCPLLLD NIHFSGVKDR LIVMNVAEKH RGNYTCHASY TYLGKQYPIT RVIEFITLEE NKPTRPVIVS PANETMEVDL GSQIQLICNV TGQLSDIAYW KWNGSVIDED DPVLGEDYYS VENPANKRRS TLTITVLNISE IESRFYKHPF TCFAKNTHGI DAAYIQLIYP VTNFQKLEHH HHHH Molecular weight: 37.4 kDa (324aa)
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. Shelf life: one year from despatch.
General Readings:	Beaulieu LM., et al. (2014) Arterioscler. Thromb. Vasc. Biol. 34:(3)552-564. Moos V., et al. (2000) Arthritis Rheum. 43(11):2417-22.

Pictures:

