9051 Mira Mesa Blvd, #910094
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IL1R1 Human

Interleukin 1 Receptor Type I Human Recombinant
CYK0403

Product Overview

Name	IL1R1 Human
Description	
Interleukin 1 Receptor Type I Human Recombinant	
Accession (Primary)	P14778
Synonyms	
Interleukin-1 receptor type 1, IL1R1, Interleukin-1 receptor type 1, IL-1R-1, IL-1RT-1,IL-1RT1, CD121 antigen-like family member A, Interleukin-1 receptor alpha, IL-1R-alpha, Interleukin-1 receptor type I, p80, CD121a, Interleukin-1 receptor type 1, membrane form, mIL-1R1, mIL-1RI, Interleukin-1 receptor type 1, soluble form, sIL-1R1, sIL-1RI, IL1R, IL1RA, IL1RT1, IL1R1, IL1R1, CD121A, D2S1473.	
Introduction	
Interleukin-1 receptor type 1 (IL1R1) associates with the co-receptor IL1RAP to form the high affinity interleukin-1 receptor complex, which mediates interleukin-1-dependent activation of NF-kappa-B, MAPK and other pathways. IL1R1 is a central mediator involved in numerous cytokine induced immune and inflammatory responses.	
Source	
Sf9, Baculovirus cells.	
Physical Appearance	
Sterile filtered colorless solution.	
Formulation	
IL1R1 protein solution (0.25mg/ml) containing Phosphate Buffered Saline (pH 7.4) and 10% glycerol.	
Stability	
Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.	
Purity	
Greater than 95.0% as determined by SDS-PAGE.	
Amino acid sequence	
DKCKEREEKI ILVSSANEID VRPCPLNPNE HKGTITWYKD DSKTPVSTEQ ASRIHQHKEK LWFVPAKVED SGHYYCVVRN SSYCLRIKIS AKFVENEPNL CYNAQAIFKQ KLPVAGDGGL VCPYMEFFKN ENNELPKLQW YKDCKPLLLD NIHFSGVKDR LIVMNVAEKH RGNYTCHASY TYLGKQYPIT RVIEFITLEE NKPTRPVIVS	

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PANETMEVDL GSQIQLICNV TGQLSDIAYW KWNGSVIDED DPVLGEDYYS VENPANKRRS TLITVLNISE IESRFYKHPF TCFAKNTHGI DAAYIQLIYP VTNFQK LEHH HHHH .

Precautions

IL1R1 Human is for research use only and not for use in diagnostic or therapeutic procedures.

Target Information: (P14778)