

Recombinant Full Length Mouse Interleukin-1 Receptor Type 1(IL1R1) Protein, His-Tagged

Cat. No. RFL7442MF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Mouse Interleukin-1 receptor type 1(IL1r1) Protein (P13504) (20-576aa), fused to N-terminal His tag, was expressed in E. coli.
Species	Mouse
Source	E.coli
ProteinLength	Full Length of Mature Protein (20-576)
Form	Lyophilized powder
AA Sequence	LEIDVCTEYPNQIVLFLSVNEIDIRKCPLTPNKMHGDTIIWYKNDSKTPISADRRSRIHQ QNEHLWFVPAKVEDSGYYCIVRNSTYCLKTKVTVTVLENDPGLCYSTQATFPQRL HIAGDGSLVCPYVSYFKDENNELPEVQWYKNCKPLLLDNVSFFGVKDKLLVRNVAE EHRGDYICRMSYTFRGKQYPVTRVIQFITIDENKRDRPVILSPRNETIEADPGSMIQLI CNVTGQFSDLVYWKWNGSEIEWNDPFLAEDYQFVEHPSTKRKYTLITTLNISEVKSQ FYRYPFICVVKNTNIFESAHVQLIYPVPDFKNYLIGGFILTATIVCCVCYKVKVDIVL WYRDSCSGFLPSKASDGKTYDAYILYPKTLGEGSFSDLDTFVKLLPEVLEGQFGYK LFIYGRDDYVGEDTIEVTNENVKKSRRLLIILVRDMGGFSWLGQSSEEQIAIYNALIQE GKIVLLELEKIQDYEKMPDSIQFIKQKHGVICWSGDFQERPQSAKTRFWKNLRYQM PAQRRSPLSKHRLTLDPVRDTKEKLPAATHLPLG
Purity	Greater than 90% as determined by SDS-PAGE.

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Applications	SDS-PAGE
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Storage	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.
Storage Buffer	Tris/PBS-based buffer, 6% Trehalose, pH 8.0
Reconstitution	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.
GENE INFORMATION	
Gene Name	Il1r1
Synonyms	Il1r1; Il-1r1; Il1ra; 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; CD antigen CD121a
UniProt ID	P13504