

Recombinant Full Length Human Interleukin-1 Receptor Type 1(IL1R1) Protein, His&Myc-Tagged

Cat. No. RFL30877HF Lot. No. (See product label)

SPECIFICATION

Product Overview Recombinant Full Length Human Interleukin-1 receptor type 1(IL1R1) Protein (P14778) (18-569aa), fused to N-terminal 10xHis-SUMO tag and C-terminal Myc tag, was expressed in E. coli.

Species Human

Source E.coli

ProteinLength Full Length of Mature Protein (18-569aa)

Form Lyophilized powder

AA Sequence

LEADKCKEREEKIILVSSANEIDVRPCPLNPNEHKGITWYKDDSKTPVSTEQASRIH
 QHKEKLWFVPAKVEDSGHYCVVRNSSYCLRIKISAKFVENEPNLCYNAQAIFKQKL
 PVAGDGGGLVCPYMEFFKNENNELPKLQWYKDCCKPLLLDNIHFSGVKDRLIVMNVAE
 KHRGNYTCHASYTYLGKQYPITRVIEFITLEENKPTRPVIVSPANETMEVDLGSQIQLI
 CNVTGQLSDIAYWKWNGSVIDEDDPVLGEDYYSVENPANKRRSTLITVLNISEIESRF
 YKHPFTCFAKNTHGIDAAIYQLIYPVTNFQKHMIGICVTLTVIIVCSVFIYKIFKIDIVLWY
 RDSCYDFLPIKASDGKTYDAYILYPKTVGEGSTSDCDIFVFKVLPEVLEKQCGYKLFYIY
 GRDDYVGEDIVEVINENVKKSRLIILVRETSGFSWLGGSSSEQIAMYNALVQDGIVK
 VLLELEKIQDYEKMPESIKFIKQKHGAIRWSGDFTQGPQSAKTRFWKNVRYHMPVQ
 RRSPPSKHQLLSPATKEKLQREAHVPLG Note: The complete sequence including ta
 g sequence, target protein sequence and linker sequence could be provided upon req

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Purity	Greater than 90% as determined by SDS-PAGE.
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; IL1R; IL1RA; IL1RT1; 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	P14778

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