

# Recombinant Human IL1R1 Full Length Transmembrane protein, His-SUMO & Myc-tagged

**Cat. No.** IL1R1-2379H    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|-------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Human IL1R1 protein(P14778)(18-569aa), fused to N-terminal His-SUMO tag and C-terminal Myc tag, was expressed in E. coli.                                                                                                                                                                                                                                                                                                                                                                                                                    |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| <b>Source</b>           | E.coli                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>ProteinLength</b>    | 18-569aa                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>Form</b>             | <p>If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol.</p> <p>If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.</p>                                                                                                                                                                                                                                                                                                         |
| <b>Molecular Mass</b>   | 83.5kDa                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>AA Sequence</b>      | <p>LEADKCKEREEKIILVSSANEIDVRPCPLNPNEHKGITITWYKDDSKTPVSTEQASRIH</p> <p>QHKEKLWVFPAKVEDSGHYVCVVRNSSSYCLRIKISAKFVENEPNLCYNAQAIFKQKL</p> <p>PVAGDGGGLVCPYMEFFKNENNELPKLQWYKDCKPLLLDNIHFSGVKDR LIVMNVAE</p> <p>KHRGNYTCHASYTYLGKQYPITRVIEFITLEENKPTRPVIVSPANETMEVDLGSQIQLI</p> <p>CNVTGQLSDIAYWKWNGSVIDEEDDPVLGEDYYSVENPANKRRSTLITVLNISEIESRF</p> <p>YKHPFTCFAKNTHGIDAAYIQLIYPVTNFQKHMIGICVTLTVIIVCSVFIYKIFKIDIVLWY</p> <p>RDSCYDFLPIKASDGKTYDAYILYPKTVGEGSTSDCDIFVFKVLPEVLEKQCGYKLFYI</p> <p>GRDDYVGEDIVEVINENVKKSRRLLIILVRETSGFSWLGGSSSEQIAMYNALVQDGIKV</p> |

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VLLELEKIQDYEKMPESIKFIKQKHGAIRWSGDFQTQGPQSAKTRFWKNVRYHMPVQ  
RRSPSSKHQLLSPATKEKLQREAHVPLG

**Purity** Greater than 85% as determined by SDS-PAGE.

**Storage** Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.

**Reconstitution** 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%.

## GENE INFORMATION

**Gene Name** [IL1R1 interleukin 1 receptor, type I \[ Homo sapiens \]](#)

**Official Symbol** [IL1R1](#)

**Synonyms** IL1R1; interleukin 1 receptor, type I; IL1R, IL1RA; interleukin-1 receptor type 1; CD121A; D2S1473; IL-1R-1; IL-1RT1; IL-1RT-1; antigen CD121a; interleukin receptor 1; interleukin-1 receptor alpha; interleukin-1 receptor type I; CD121 antigen-like family member A; interleukin 1 receptor alpha, type I; P80; IL1R; IL1RA; IL-1R-alpha;

**Gene ID** [3554](#)

**mRNA Refseq** [NM\\_000877](#)

**Protein Refseq** [NP\\_000868](#)

**MIM** [147810](#)

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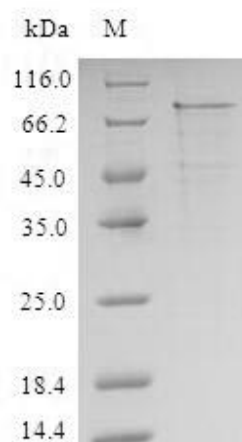
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UniProt ID

P14778

SDS-PAGE

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